


SIGILL: COLL: HARVARD: CANTAB: NOV: ANGL: 1650.
CHRISTO ET ECCLESIAE
The Gift of the
Royal Observatory
of Munich,
Aug. 10, 1876.





Verzeichniss

von

5563 telescopischen Sternen

nördlich von +15° und südlich von -15° Declination,

welche in den Münchener Zonen-Beobachtungen vorkommen, reducirt auf den Anfang des Jahres 1850

nebst

zwei Nachträgen zu den früheren Stern-Verzeichnissen,

enthaltend **3466** Sterne zwischen +15° und -15° Declination

und Vergleichung

mit

den Beobachtungen von

Lalande, Bessel, Rümker und Schjellerup.

XIII. Supplementband
zu den Annalen der Münchener Sternwarte.





Verzeichniss

von

5563 telescopischen Sternen

nördlich von +15° und südlich von -15° Declination,
welche in den Münchener Zonen-Beobachtungen vorkommen,
reducirt auf den Anfang des Jahres 1850

nebst

zwei Nachträgen zu den früheren Stern-Verzeichnissen

und Vergleichung

mit den

Beobachtungen von Lalande, Bessel, Rümker und Schjellerup.

Auf öffentliche Kosten herausgegeben

von

Dr. J. v. Lamont,

rdentlichem Mitgliede der königlich Bayer. Academie der Wissenschaften, Conservator der
öniglichen Sternwarte und Professor der Astronomie an der Ludwig-Maximilians-Universität in
ünchen, Ritter des Verdienstordens der Bayer. Krone, des Verdienstordens vom heiligen Michael,
es päpstlichen Ordens Gregors des Grossen, des k. k. österreichischen Ordens der eisernen Krone,
des königl. Schwedischen Nordstern-Ordens, Mitglied des Maximilians-Ordens für Wissenschaft
und Kunst, auswärtigem Mitgliede der Royal Society und der astronomischen Societät in London,
der Brittischen Association zur Förderung der Wissenschaften, der königl. Böhmischen Gesellschaft
der Wissenschaften in Prag, der kaiserlich Leopoldinischen Academie, der königl. Belgischen Academie
der Wissenschaften in Brüssel, der königl. Societät der Wissenschaften in Upsala, Ehren-Mitgliede
der königl. Societät der Wissenschaften in Edinburg, der naturwissenschaftlichen Societät in
Lausanne, der philos. Societät in Cambridge, der Wetterauischen Gesellschaft, der k. k. geo-
graphischen Gesellschaft in Wien, der österreichischen Gesellschaft für Meteorologie, Corre-
spondenten der königl. Societät der Wissenschaften in Lüttich, der Société des sciences naturelles
in Cherbourg u. s. w.

(XIII. Supplementband zu den Annalen der Münchener Sternwarte.)

München.

Druck der F. S. Hübschmann'schen Buchdruckerei (E. Lintner).

1874.

1876, Aug. 10.

Vorrede.

Der gegenwärtige Supplementband reiht sich dem Inhalte nach an die Supplementbände V. VIII. IX. XI. XII. an und bildet einen Abschluss der bisherigen Zonenbeobachtungen in so ferne als es sich in nächster Zeit hauptsächlich darum handeln wird, den Inhalt der bereits erschienenen Publicationen zu vervollständigen und zu berichtigen.

Die Verzeichnisse des gegenwärtigen Bandes enthalten:

1818	Sterne	von	+15°	bis	+21°	Decl.
630	„	„	+21	bis	+27	„
1621	„	„	-15	bis	-21	„
904	„	„	-21	bis	-27	„
591	„	„	-27	bis	-33	„
918	„	„	-15	bis	+15	als Nachtrag

also im Ganzen 6482 Sterne: dazu kommt noch ein zweiter Nachtrag, worin wiederholte Ortsbestimmungen von 2548 Zonensternen, welche in den bereits gedruckten Verzeichnissen vorkommen, zusammengestellt sind.

Unter den angeführten 6482 Sternen findet man 1530, welche mehr als einmal beobachtet worden sind und 3745 für welche aus früherer Zeit genauere Ortsbestimmungen nicht vorhanden waren.

Die Gesammtzahl der in unseren Zonenstern-Verzeichnissen aufgeführten Sterne beträgt jetzt 34634 und da die ganze Anzahl der Zonenbeobachtungen bis Ende des Jahres 1872 sich auf 81372 beläuft, so trifft auf jeden Stern im Mittel mehr als 2 Beobachtungen oder genauer ausgedrückt, auf je 3 Sterne 7 Beobachtungen.

Ohne auf eine Erörterung der Genauigkeit unserer Zonenbeobachtungen eingehen zu wollen, halten wir es nicht für unzweckmässig zu erwähnen, wie man einige in diesem Bande vorkommende An-

gaben zu einer genäherten Bestimmung der Fehlergrenzen benützen könnte. Zunächst wäre hier auf die in Nachtrag II angegebenen Differenzen zwischen unseren vor und nach 1865 beobachteten Sternpositionen hinzuweisen, deren Grösse nach Procenten sich so vertheilt:

Rectascensionen				Declinationen			
von 0″,00	bis 0″,10	54,5	Proc.	0″,0	bis 1″,5	55,6	Proc.
0,10	0,20	27,7	„	1,5	3,0	23,4	„
0,20	0,30	10,1	„	3,0	5,0	13,8	„
über	0,30	7,7	„	über	5,0	7,2	„

Diese Zusammenstellung umfasst sämmtliche auf Seite 245—264 und 281—293 vorkommenden Sterne und ist das Resultat von 1710 Rectascensions- und 1635 Declinations-Vergleichungen.

Zu einer ähnlichen Zusammenstellung können ferner die bei jedem Verzeichnisse in den Noten angegebenen Abweichungen vom Mittel benützt werden: folgende Zusammenstellung umfasst sämmtliche auf Seite 248 bis 288 vorkommenden Fälle wo derselbe Stern nur in zwei Zonen beobachtet wurde, und wo man demnach die Abweichung vom Mittel gewissermassen als Beobachtungsfehler betrachten kann:

Rectascension.				Declination.			
0″,00	bis 0″,04 . .	54,0	Proc.	0″,0	bis 0″,9 . .	62,4	Proc.
0,05	0,09 . .	33,7	„	1,0	1,9 . .	27,2	„
0,10	0,14 . .	8,4	„	2,0	2.9 . .	7,0	„
über	0,14 . .	3,8	„	über	2,9 . .	3,4	„

Diese Zusammenstellung bezieht sich auf 370 Sterne und man könnte der oben angedeuteten Auffassung zufolge sagen, dass von den Fehlern der Zonenbeobachtungen 88 Procent in AR weniger als 0″,10 und 90 Prozent in Declin. weniger als 2″,0 betragen; mit gleichem Rechte übrigens könnte man die Hälfte der Differenz in der vorigen Zusammenstellung als Fehler einer Rectascensions- oder Declinations - Bestimmung betrachten und so zu dem Ergebnisse gelangen, dass bei den Rectascensionen nur 8 Procent der Fehler über 0″,15 und bei den Declinationen nur 7 Procent über 2″,5 hinausgehen.

München, im December 1873.

v. Lamont.

I. Stern-Verzeichniss

Declination von +15° 0′ bis +21° 0′.

+15° +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1	10	0 12 26.12	+ 3.097	+20 52 46.7	+ 20.025	(217.)
2	10	0 12 52.04	3.097	21 0 1.9	20.023	(217.) B.
3	10	0 14 49.44	3.104	20 50 15.7	20.013	(217.)
4	10	0 14 54.47	3.104	20 50 11.3	20.013	(217.)
5	9	0 24 33.09	3.124	20 56 57.5	19.940	(217.)
6	9	0 27 56.98	3.133	20 56 48.5	19.906	(217.) Ll. B.
7	9	0 30 53.32	3.139	20 55 10.9	19.872	(217.) Ll. B.
8	10	0 35 2.25	3.148	20 58 22.7	19.821	I. B.
9	9	0 41 6.27	3.161	20 44 40.6	19.733	(217.)
10	9. 10	0 48 41.80	3.178	20 49 19.0	19.603	(217.)
11	9. 10	0 55 26.52	3.192	20 59 56.0	19.471	(217.) B.
12	10	18 9 38.16	2.614	18 52 17.7	0.843	(296.) B.
13	10	18 10 16.17	2.633	18 8 32.1	0.898	(296.) R.
14	10	18 10 47.16	2.635	18 3 51.4	0.943	(296.) R.
15	9	18 11 16.70	2.638	17 55 34.3	0.990	(206.) Ll. B.
16	10	18 11 57.96	2.628	18 19 51.1	1.046	(296.) B.
17	10	18 12 23.54	2.626	18 25 59.4	1.084	(296.) B.
18	10	18 13 27.47	2.628	18 20 5.8	1.175	(296.)
19	9. 10	18 14 6.79	2.654	17 19 27.8	1.233	(296.)
20	10	18 15 29.69	2.630	18 16 25.7	1.355	(296.) R.
21	10	18 16 1.70	2.614	18 53 1.7	1.402	(296.)
22	9. 10	18 16 23.36	2.609	19 4 38.1	1.433	(296.) Ll. B. R.
23	10	18 16 33.19	2.638	17 58 12.7	1.448	(296.)

I. (217) +0.10 -3.7; (218) -0.10 +3.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
24	10	18 17 10.69	+ 2.614	+ 18 53 15.2	+ 1.501	(296.)
25	10	18 18 12.10	2.617	18 46 44.5	1.591	(296.)
26	10	18 19 3.48	2.632	18 12 44.2	1.665	(296.)
27	10	18 19 17.96	2.631	18 14 14.4	1.687	(296.)
28	9. 10	18 19 32.43	2.617	18 47 7.1	1.707	(296.)
29	10	18 20 32.43	2.614	18 55 26.6	1.794	(296.) B. R.
30	10	18 20 57.17	2.614	18 56 28.9	1.830	(296.) B.
31	10	18 22 23.34	2.637	18 3 11.5	1.956	(296.)
32	8. 9	18 22 44.41	2.641	17 53 20.5	1.987	(296.) Ll. B. R.
33	10	18 22 50.77	2.638	17 58 42.6	1.996	(296.)
34	9. 10	18 23 0.45	2.640	17 55 2.6	2.010	(296.) B. R.
35	10	18 23 4.70	2.640	17 56 20.7	2.017	(296.) B.
36	10	18 28 3.40	2.639	18 0 22.0	2.448	(296.)
37	10	18 28 34.40	2.640	18 0 11.1	2.494	(296.)
38	8	18 28 38.62	2.638	18 5 10.4	2.501	(296.) Ll. B.
39	10	18 29 47.75	2.652	17 34 11.4	2.601	(296.)
40	10	18 29 54.82	2.655	17 24 41.2	2.611	(296.) B.
41	9	18 30 13.02	2.632	18 18 54.4	2.637	(296.)
42	10	18 30 22.44	2.647	17 41 15.7	2.650	(296.)
43	10	18 31 43.71	2.631	18 22 25.1	2.768	(296.)
44	10	18 32 8.43	2.633	18 17 31.3	2.803	(296.)
45	10	18 32 30.57	2.626	18 34 11.8	2.836	(296.) Ll.
46	10	18 32 58.75	2.617	18 54 46.4	2.877	(296.)
47	10	18 33 43.92	2.638	18 7 46.8	2.941	(296.) B.
48	10	18 34 58.51	2.648	17 45 3.8	3.049	(296.) Ll. B.
49	10	18 34 58.59	2.653	17 32 40.6	3.049	(296.) Ll. B. R.
50	10	18 35 18.87	2.621	18 48 53.3	3.078	(296.)
51	9. 10	18 36 28.38	2.643	17 56 2.8	3.176	(296.) Ll.
52	10	18 36 44.49	2.625	18 38 31.7	3.200	(296.) R.
53	10	18 37 37.47	2.623	18 44 44.3	3.276	(296.)
54	10	18 38 7.77	2.624	18 43 24.5	3.321	(296.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1840	Präcession 1850	Bemerkungen
55	10	18h 38′ 18″.71	+ 2″.624	+18° 43′ 34″.6	+ 3″.336	(296.)
56	10	18 38 42.94	2.621	18 49 2.9	3.371	(296.) B. R.
57	10	18 39 4.25	2.622	18 46 49.0	3.402	(296.) B. R.
58	8. 9	18 39 28.26	2.634	18 19 58.7	3.437	(296.) Ll. R.
59	10	18 39 30.72	2.634	18 19 25.6	3.449	(296.) Ll. R.
60	6	18 40 23.75	2.643	18 1 4.7	3.517	(296.) Ll. R.
61	8. 9	18 40 42.47	2.707	15 27 25.6	3.542	(200.) R.
62	10	18 40 42.77	2.710	15 21 13.6	3.543	(200.) Ll. R.
63	9	18 41 2.29	2.708	15 24 33.2	3.571	(200.) Ll.
64	10	18 41 19.42	2.662	17 14 23.1	3.595	(296.)
65	10	18 41 40.72	2.650	17 46 4.9	3.626	(296.)
66	9	18 41 52.72	2.702	15 39 51.1	3.644	(200.)
67	10	18 42 16.98	2.626	18 41 0.3	3.678	(296.)
68	9	18 42 26.58	2.707	15 26 33.1	3.693	(200.) B.
69	10	18 42 33.66	2.618	18 58 47.8	3.703	(296.)
70	10	18 43 5.11	2.627	18 38 25.1	3.748	(296.)
71	8. 9	18 43 13.37	2.716	15 7 39.2	3.759	(200.) Ll. B.
72	9	18 43 39.85	2.638	18 14 2.4	3.798	(296.) Ll. B. R.
73	10	18 44 28.17	2.048	17 50 21.2	3.867	(296.)
74	10	18 44 43.69	2.066	17 10 15.6	3.890	(296.)
75	10	18 45 6.94	2.658	17 29 16.2	3.923	(296.)
76	10	18 45 35.27	2.663	17 16 46.1	3.963	(296.)
77	10	18 45 48.22	2.662	17 19 8.2	3.981	(296.)
78	10	18 46 4.24	2.655	17 36 29.8	4.005	(296.)
79	9. 10	18 46 50.30	2.650	17 50 22.0	4.071	(296.) Ll. B. R.
80	9. 10	18 46 56.91	2.645	18 1 47.6	4.081	(296.) Ll. B.
81	10	18 47 34.13	2.642	18 8 18.1	4.133	(296.) B.
82	10	18 47 54.07	2.635	18 25 43.5	4.162	(296.) B.
83	10	18 48 44.62	2.636	18 22 25.9	4.234	(296.)
84	10	18 48 57.94	2.643	18 7 27.7	4.253	(296.)
85	10	18 50 10.27	2.642	18 10 21.3	4.356	(296.)

+15° +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
86	9	18 50 44.13	+ 2.630	+18 39 9.7	+ 4.404	(296.)
87	9	18 50 50.40	2.637	18 23 29.8	4.413	(296.) Ll. R.
88	10	18 51 16.58	2.721	15 1 29.4	4.451	(200.) B. R.
89	10	18 51 44.96	2.719	15 6 33.9	4.490	(200.) B.
90	9	18 51 53.56	2.639	18 19 25.2	4.503	(296.) Ll. B. R.
91	10	18 52 10.45	2.636	18 26 18.5	4.525	(296.)
92	10	18 52 31.93	2.611	19 26 13.5	4.557	(297.)
93	9. 10	18 52 41.14	2.636	18 29 48.8	4.569	(296.) Ll. B. R.
94	9. 10	18 52 58.62	2.610	19 29 43.7	4.596	(297.) Ll. B.
95	10	18 53 3.04	2.630	18 43 0.8	4.601	(296.) B.
96	8. 9	18 53 3.90	2.615	19 16 57.5	4.603	(297.) Ll. B.
97	10	18 53 27.85	2.718	15 8 30.3	4.636	(200.) B. R.
98	10	18 53 31.64	2.635	18 32 55.1	4.642	(296.) R.
99	10	18 53 46.07	2.615	19 18 8.8	4.661	(297.) B. R.
100	9	18 53 56.66	2.720	15 5 5.8	4.678	(200.) R.
101	10	18 54 12.03	2.625	18 53 26.9	4.699	(296.)
102	10	18 54 13.07	2.637	18 26 43.4	4.700	(296.) R.
103	10	18 54 53.80	2.647	18 3 11.2	4.759	(296.)
104	9	18 55 13.98	2.599	19 57 4.8	4.787	(297.)
105	10	18 55 22.32	2.718	15 13 22.0	4.798	(200.)
106	10	18 55 49.58	2.654	17 47 15.4	4.838	(296.) B.
107	10	18 56 2.20	2.654	17 47 35.4	4.855	(296.)
108	10	18 56 45.76	2.598	20 3 29.1	4.916	(297.)
109	10	18 56 50.56	2.645	18 9 51.2	4.924	(296.)
110	10	18 57 12.55	2.598	20 2 39.3	4.955	(297.) B.
111	10	18 57 31.27	2.601	19 57 26.4	4.981	(297.)
112	9. 10	18 57 42.64	2.658	17 38 12.0	4.998	(296.)
113	9. 10	18 57 42.84	2.646	18 8 12.6	4.998	(296.)
114	8	18 58 17.43	2.627	18 55 16.8	5.046	(296.) R.
115	9	18 58 37.27	2.590	20 24 13.3	5.074	(297.)
116	10	18 59 10.35	2.629	18 51 15.1	5.121	(296.) B. R.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
117	10	18 59 18.34	+ 2.628	+18 52 56.2	+ 5.132	(296.) B. R.
118	10	18 59 35.57	2.597	20 7 11.4	5.156	(297.)
119	9	18 59 56.98	2.590	20 25 18.0	5.186	(297.) Ll.
120	9	19 0 1.83	2.707	15 43 40.1	5.193	(200.) Ll. B.
121	9. 10	19 0 28.28	2.659	17 39 49.2	5.229	(296.)
122	10	19 0 46.63	2.605	19 50 11.6	5.256	(297.) B.
123	9	19 0 51.23	2.718	15 16 41.4	5.262	(200.) B.
124	8	19 0 56.71	2.643	18 19 56.4	5.271	(296.)
125	10	19 0 58.52	2.627	18 56 37.1	5.274	(296.)
126	8. 9	19 1 19.66	2.611	19 37 50.6	5.303	(297.) Ll. R.
127	9	19 1 37.75	2.723	15 7 0.2	5.328	(200.)
128	10	19 1 47.03	2.650	18 5 13.4	5.341	(296.)
129	10	19 1 49.27	2.602	19 56 43.2	5.344	(297.) B.
130	9	19 2 17.90	2.642	18 22 26.0	5.385	(296.) B.
131	10	19 2 23.51	2.598	20 8 5.8	5.394	(297.) B.
132	9	19 3 4.68	2.724	15 3 40.6	5.451	(200.)
133	10	19 3 46.27	2.665	17 29 44.5	5.508	(296.) R.
134	10	19 3 52.59	2.604	19 57 7.2	5.518	(297.) B. R.
135	10	19 3 53.24	2.596	20 15 11.5	5.518	(297.) B.
136	9. 10	19 4 15.72	2.615	19 30 18.8	5.550	(297.)
137	8. 9	19 4 23.36	2.713	15 32 41.9	5.560	(202.) Ll. B. R.
138	9	19 4 28.22	2.629	18 57 3.7	5.567	(296.)
139	10	19 5 5.96	2.624	19 11 7.8	5.620	(297.)
140	8. 9	19 5 8.56	2.657	17 50 31.6	5.625	(296.) Ll. B. R.
141	8	19 5 32.48	2.659	17 48 2.7	5.657	(296.) Ll. B.
142	9	19 5 44.89	2.721	15 14 47.9	5.675	(202.) B.
143	9	19 5 47.09	2.721	15 14 23.0	5.678	(202.) B.
144	8	19 5 49.48	2.660	17 45 14.7	5.681	(296.) Ll. B.
145	10	19 5 53.02	2.597	20 15 50.4	5.686	(297.)
146	9	19 6 18.49	2.659	17 47 26.4	5.721	(296.)
147	9	19 7 2.12	2.580	20 56 50.6	5.783	(297.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
148	9	19 7 34.23	+ 2.650	+18 11 37.1	+ 5.827	(296.) Ll.
149	10	19 7 35.72	2.609	19 49 35.6	5.829	(297.) B.
150	9	19 8 13.96	2.649	18 13 51.5	5.883	(296.) Ll.
151	10	19 8 18.44	2.622	19 20 14.1	5.888	(297.) Ll.
152	10	19 8 41.55	2.622	19 20 58.5	5.922	(297.)
153	8	19 8 56.07	2.649	18 15 25.8	5.941	(296.) Ll.
154	10	19 9 2.07	2.616	19 36 20.0	5.950	(297.)
155	9. 10	19 9 44.50	2.674	17 15 53.9	6.010	(296.) B.
156	10	19 9 48.01	2.609	19 54 16.6	6.014	(297.)
157	8	19 10 13.04	2.639	18 42 55.9	6.049	(296.) Ll.
158	9	19 10 17.54	2.643	18 33 40.8	6.056	(296.) Ll. B.
159	10	19 10 22.32	2.599	20 17 51.4	6.061	(297.) Ll. B.
160	9	19 11 13.64	2.642	18 34 55.3	6.134	(296.) Ll. B.
161	10	19 11 18.69	2.612	19 48 17.4	6.141	(297.)
162	9	19 11 26.40	2.609	19 55 33.5	6.149	(297.) Ll. B. R.
163	9	19 11 48.17	2.720	15 25 7.9	6.180	(202.) B.
164	9	19 12 6.94	2.677	17 11 16.9	6.207	(296.) B.
165	9	19 12 7.85	2.674	17 20 9.1	6.208	(296.)
166	8	19 12 14.50	2.624	19 20 26.1	6.217	(297.) Ll. R.
167	10	19 12 19.78	2.678	17 9 34.0	6.224	(296.)
168	10	19 12 23.16	2.720	15 23 52.3	6.227	(202.)
169	9. 10	19 12 52.77	2.622	19 26 43.5	6.270	(297.) Ll. R.
170	9	19 13 25.33	2.727	15 9 3.4	6.314	(202.)
171	9. 10	19 13 42.71	2.712	15 48 52.9	6.339	(202.)
172	9	19 13 51.36	2.594	20 35 15.3	6.350	(297.)
173	10	19 14 15.16	2.661	17 53 35.8	6.384	(296.)
174	10	19 14 25.99	2.668	17 34 45.9	6.398	(296.)
175	10	19 14 44.90	2.585	20 59 55.2	6.425	(297.)
176	8	19 14 48.32	2.592	20 41 0.8	6.429	(297.) B.
177	10	19 14 54.10	2.688	16 47 9.9	6.438	(300.)
178	10	19 15 11.30	2.586	20 57 5.3	6.461	(297.) B.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
179	10	19 15 27.73	+ 2.688	+16 47 28.6	+ 6.484	(300.)
180	10	19 15 46.09	2.696	16 32 18.4	6.508	(300.)
181	10	19 15 55.64	2.602	20 20 52.0	6.523	(297.)
182	10	19 16 5.22	2.604	20 15 4.9	6.536	(297.)
183	10	19 16 37.42	2.636	19 5 33.3	6.580	(296.) Ll. B.
184	8. 9	19 16 40.35	2.611	19 59 17.8	6.584	(297.) Ll. B. R.
185	10	19 16 54.39	2.709	15 58 15.3	6.604	(300.)
186	10	19 16 56.39	2.634	19 4 11.4	6.606	(296.)
187	9	19 17 2.86	2.715	15 43 37.1	6.616	(300.) B. R.
188	8. 9	19 17 14.87	2.612	19 58 35.1	6.633	(297.) Ll. B. R.
189	9	19 17 15.29	2.722	15 26 27.8	6.633	(300.) B. R.
190	10	19 17 41.36	2.718	15 37 8.2	6.668	(300.) B.
191	10	19 17 47.18	2.606	20 14 27.6	6.677	(297.) B. R.
192	9	19 17 56.11	2.620	19 38 55.0	6.689	(297.)
193	10	19 18 1.48	2.705	16 10 13.0	6.696	(300.)
194	10	19 18 25.26	2.653	18 21 27.1	6.729	(296.) Ll.
195	10	19 18 31.12	2.587	20 59 46.8	6.737	(297.)
196	10	19 18 46.43	2.691	16 46 50.0	6.758	(300.) B.
197	10	19 18 47.95	2.676	17 23 31.0	6.761	(296.)
198	10	19 18 53.03	2.606	20 15 51.1	6.767	(297.)
199	9	19 19 11.70	2.727	15 15 42.3	6.794	(202.) Ll. B.
200	9	19 19 21.08	2.714	15 49 3.8	6.805	(204.) B. R.
201	9	19 19 23.08	2.727	15 15 25.6	6.808	(202.) Ll. B.
202	10	19 19 45.43	2.639	18 57 5.5	6.839	(296.)
203	10	19 19 45.43	2.693	16 44 30.4	6.839	(300.)
204	10	19 19 47.83	2.686	17 2 0.7	6.843	(300.) B. R.
205	9	19 19 48.22	2.645	18 41 53.2	6.843	(296.)
206	10	19 19 51.89	2.717	15 42 20.6	6.848	(204.)
207	8	19 19 58.18	2.614	19 57 45.2	6.856	(297.) Ll. B.
208	10	19 20 14.16	2.715	15 48 2.2	6.878	(204.) B.
209	10	19 20 25.05	2.686	16 59 39.1	6.892	(300.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
210	9	19 20 48.07	+ 2.663	+17 59 45.7	+ 6.924	(296.) Ll. R.
211	10	19 21 2.77	2.716	15 47 53.4	6.945	(204.) R.
212	10	19 21 14.18	2.718	15 41 35.1	6.960	(204.)
213	8. 9	19 21 21.46	2.615	19 56 42.8	6.969	(297.) B. R.
214	10	19 21 39.72	2.719	15 41 17.2	6.996	(204.)
215	10	19 21 42.54	2.659	18 10 52.3	7.000	(296.)
216	10	19 22 17.86	2.680	17 19 22.5	7.047	(296.)
217	10	19 22 27.20	2.689	16 55 14.8	7.059	(300.)
218	9	19 22 30.22	2.713	15 56 56.5	7.064	(204.)
219	10	19 22 53.32	2.681	17 16 49.7	7 095	(296.) R.
220	9. 10	19 23 8.55	2.658	18 13 46.3	7.117	(296.)
221	8	19 23 36.50	2.703	16 24 4.0	7.154	I. Ll. B.
222	10	19 23 41.95	2.616	20 1 17.9	7.163	(297.) B. R.
223	8	19 23 46.28	2.701	16 29 27.3	7.168	II. Ll. B.
224	9. 10	19 23 58.87	2.659	18 13 46.6	7.175	(296.)
225	9	19 24 0.28	2.605	20 26 21.5	7.187	(297.) B.
226	8	19 24 5.40	2.690	16 56 57.2	7.193	(205.) B. R.
227	10	19 24 6.47	2.710	16 6 45.5	7.195	(204.)
228	10	19 24 15.17	2.703	16 23 18.5	7.207	(204.)
229	10	19 24 19.78	2.710	16 7 22.1	7.214	III.
230	9	19 24 24.66	2.604	20 31 50.8	7.220	(297.) R.
231	9. 10	19 24 29.85	2.601	20 36 42.9	7.228	(297.)
232	9. 10	19 24 37.14	2.660	18 13 56.8	7.237	(296.)
233	10	19 24 57.87	2.656	18 23 18.1	7.265	(296.)
234	10	19 25 6.43	2.642	18 58 43.8	7.277	(296.)
235	9	19 25 14.22	2.714	15 58 19.7	7.288	(203.) B. R.
236	10	19 25 16.88	2.710	16 9 30.0	7.292	(300.)
237	8	19 25 31.94	2.603	20 36 48.4	7.313	(297.) Ll. R.
238	10	19 25 32.11	2.711	16 7 42.1	7.313	(300.)

I. (204) +0.24 0.0; (205) -0.06 +0.3; (300) -0.18 -0.4. II. (204) +0.21 +1.5; (205) -0.10 -1.1; (300) -0.11 -0.5. III. (204) +0.21 -1.4; (300) -0.21 +1.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
239	10	19 25 36.64	+ 2.601	+20 39 33.5	+ 7.319	(297.) R.
240	8	19 25 42.09	2.698	16 39 25.9	7.327	(205.)
241	10	19 25 43.02	2.731	15 14 58.3	7.328	(200.)
242	10	19 25 56.14	2.714	15 58 38.8	7.345	I.
243	9. 10	19 25 58.61	2.712	16 5 41.4	7.349	II.
244	8. 9	19 26 31.77	2.601	20 41 6.9	7.394	(297.) Ll. B. R.
245	9	19 26 44.37	2.617	20 5 30.3	7.410	(297.) R. } Doppelst.
246	?	19 26 44.83	2.619	20 — —	7.411	(297.) }
247	10	19 26 47.59	2.670	17 53 29.2	7.415	(296.)
248	10	19 26 51.01	2.669	17 54 21.3	7.419	(296.)
249	10	19 26 52.53	2.714	16 2 34.6	7.421	(300.)
250	9	19 27 6.84	2.701	16 32 24.2	7.441	(205.) B.
251	9	19 27 9.11	2.737	15 3 8.8	7.444	III. B.
252	10	19 27 24.18	2.713	16 5 31.0	7.464	(300.)
253	8. 9	19 27 31.23	2.716	15 56 32.3	7.473	IV. L. B. R.
254	10	19 27 42.63	2.726	15 33 7.9	7.490	(204.)
255	9	19 27 43.43	2.702	16 34 6.9	7.490	(205.) B.
256	10	19 27 43.67	2.713	16 6 9.0	7.491	(300.)
257	8	19 27 46.23	2.696	16 48 30.2	7.494	(204.)
258	9	19 27 46.28	2.735	15 8 34.2	7.494	V. B.
259	9	19 27 47.12	2.676	17 39 29.3	7.495	(296.) Ll. R.
260	10	19 27 48.15	2.676	17 40 28.3	7.496	(296.)
261	8. 9	19 27 56.20	2.673	17 48 11.6	7.507	(296.) Ll.
262	9	15 28 7.94	2.727	15 29 18.0	7.523	(204.)
263	9	19 28 8.38	2.712	16 7 30.1	7.523	VI. R.
264	9. 10	19 28 18.36	2.626	19 43 52.6	7.536	(297.)
265	7	19 28 37.27	2.732	15 17 0.5	7.562	VII. Ll. R.

I. (203) +0.01 -1.3; (300) -0.01 +1.3. II. (204) +0.10 -0.8; (300) -0.09 +0.8. III. (200) -0.13 +1.6; (201) +0.13 -1.5. IV. (203) +0.04 -0.4; (300) -0.04 +0.5. V. (200) -0.03 +0.5; (201) +0.03 -0.5. VI. (203) +0.11 -3.1; (300) -0.11 +3.1. VII. (200) -0.03 +2.4; (201) +0.02 -0.8; (202) 0.00 -2.9; (204) +0.02 +1.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
266	9	19 28 56.78	+ 2.654	+18 36 48.4	+ 7.589	(300.) B.
267	10	19 28 58.27	2.737	15 6 35.9	7.591	(200.)
268	9. 10	19 29 3.12	2.700	16 38 38.3	7.598	(300.) B.
269	10	19 29 6.83	2.691	17 2 44.8	7.603	(300.)
270	9	19 29 8.67	2.662	18 14 46.7	7.606	(296.) Ll.
271	9	19 29 9.14	2.655	19 27 39.6	7.606	(297.) B. R.
272	10	19 29 12.03	2.660	18 21 31.8	7.610	(296.)
273	10	19 29 16.54	2.662	18 14 38.8	7.616	(296.)
274	10	19 29 17.01	2.734	15 11 9.6	7.616	(204.)
275	8	19 29 33.55	2.727	15 33 35.8	7.638	I. Ll. B.
276	10	19 29 46.05	2.669	18 1 5.6	7.656	(296.)
277	10	19 29 52.74	2.668	17 56 56.6	7.665	(296.)
278	10	19 30 3.76	2.729	15 27 46.6	7.680	(204.)
279	9	19 30 5.90	2.608	20 33 30.4	7.683	(297.) R.
280	9	19 30 15.03	2.676	17 43 10.4	7.694	(296.)
281	10	19 30 23.49	2.692	17 3 16.3	7.706	(300.)
282	7. 8	19 30 29.03	2.713	16 7 48.4	7.714	(205.) Ll. B. R.
283	9. 10	19 30 36.28	2.714	16 8 3.8	7.723	(205.) Ll. B. R.
284	10	19 30 50.38	2.691	17 6 27.6	7.742	(300.)
285	10	19 30 56.59	2.730	15 26 31.0	7.751	II.
286	10	19 31 3.61	2.732	15 21 46.6	7.761	III.
287	9	19 31 16.25	2.664	18 15 27.6	7.777	(296.) Ll.
288	10	19 31 21.12	2.724	15 41 41.6	7.784	(203.)
289	9	19 31 25.14	2.696	16 54 25.6	7.789	(300.) B. R.
290	10	19 31 25.36	2.696	16 51 55.5	7.789	(300.) B. R.
291	10	19 31 29.71	2.663	18 17 32.7	7.796	(296.)
292	10	19 31 38.58	2.735	15 14 23.0	7.808	(204.)
293	9. 10	19 31 39 90	2.700	16 46 17.5	7.809	(300.)
294	9	19 31 42.70	2.696	16 55 14.7	7.813	(300.) R. R.

I. (200) +0.28 +1.8; (201) -0.28 -1.7. II. (200) +0.02 +0.3; (204) -0.02 -0.2. III. (200) -0.05 +2.2; (204) +0.05 -2.1.

+15°　　　　　　　　+21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
295	7. 8	19 31 46.19	+ 2.611	+20 26 50.9	+ 7.817	(297.) R.
296	10	19 32 6.33	2.665	18 13 53.9	7.844	(296.)
297	9	19 32 19.13	2.635	19 28 18.9	7.861	(297.)
298	6	19 32 23.57	2.679	17 40 19.2	7.868	(296.)
299	10	19 32 26.17	2.699	16 48 26.9	7.871	(204.)
300	10	19 32 28.71	2.725	15 40 50.9	7.875	I.
301	10	19 32 30.32	2.700	16 43 45.8	7.876	(300.)
302	9	19 32 34.82	2.663	18 20 8.3	7.882	(296.)
303	9. 10	19 32 48.02	2.634	19 31 15.3	7.899	(294.)
304	9. 10	19 33 2.16	2.732	15 23 57.2	7.920	(200.)
305	9. 10	19 33 7.70	2.737	15 11 51.2	7.927	II.
306	10	19 33 7.63	2.718	16 0 6.2	7.927	(205.) R.
307	10	19 33 21.99	2.695	17 1 36.5	7.947	(300.)
308	10	19 33 28.36	2.692	17 7 5 7	7.954	(300.)
309	9	19 33 34.79	2.719	15 59 27.8	7.963	(205.) Ll. B. R.
310	10	19 33 45.65	2.735	15 17 43.4	7.978	(204.)
311	7	19 33 55.35	2.621	20 8 1.4	7.990	(297.) Ll. R.
312	10	19 34 3.10	2.716	16 7 59.3	8.001	(203.) B. R.
313	10	19 34 6.25	2.738	15 9 52.5	8.005	(200.)
314	10	19 34 16.49	2.680	17 38 53.1	8.018	(296.) Ll.
315	6	19 34 18.56	2.693	17 7 53.0	8.022	(300.) R.
316	10	19 34 28.51	2.737	15 13 22.7	8.036	(201.)
317	9	19 34 32.70	2.630	19 47 31.3	8.041	(297.) Ll. B. R.
318	10	19 34 39.23	2.701	16 48 56.8	8.049	(300.)
319	10	19 34 50.62	2.718	16 5 2.1	8.065	III. B. R.
320	10	19 34 57.80	2.701	16 48 1.9	8.074	(300.)
321	9. 10	19 35 16.80	2.738	15 11 54.0	8.099	(204.)
322	10	19 35 27.68	2.737	15 14 26.9	8.114	(204.)
323	10	19 35 40.88	2.695	17 5 43.5	8.131	(300.)

I. (200) −0.23 +2.7; (203) +0.24 −2.6. II. (203) 0.00 −1.2; (204) — +1.2.
III. (203) +0.10 −1.5; (205) −0.10 +1.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
324	10	19 35 46.51	+ 2.718	+16 5 39.1	+ 8.139	I. B.
325	10	19 36 0.38	2.627	19 57 7.1	8.157	(297.)
326	10	19 36 9.97	2.695	17 9 27.8	8.170	(300.) B.
327	10	19 36 22.72	2.734	15 24 38.3	8.188	(204.)
328	10	19 36 36.07	2.707	16 37 47.3	8.205	(300.) Ll. B.
329	10	19 36 39.64	2.736	15 19 12.9	8.210	(204.)
330	10	19 36 50.14	2.715	16 16 7.0	8.224	(300.)
331	9.10	19 37 20.75	2.619	20 20 49.2	8.265	(297.) B.
332	10	19 37 29.27	2.718	16 9 7.1	8.276	(300.)
333	10	19 37 31.52	2.620	20 19 14.3	8.280	(297.) B.
334	9	19 38 12.68	2.733	15 29 0.0	8.334	II.
335	9.10	19 38 17.18	2.723	15 55 37.2	8.339	(300.) B.
336	10	19 38 39.36	2.728	15 45 8.1	8.368	(300.)
337	9	18 38 39.97	2.616	20 33 15.0	8.369	(297.) Ll.
338	9.10	19 38 57.43	2.726	15 50 48.9	8.392	III. B.
339	10	19 39 8.08	2.740	15 13 36.9	8.406	(204.)
340	10	19 39 20.79	2.741	15 11 15.3	8.423	(204.)
341	10	19 39 35.59	2.725	15 55 39.4	8.443	IV.
342	9.10	19 39 42.29	2.641	19 29 46.9	8.451	(297.)
343	9	19 39 46.80	2.742	15 11 51.4	8.457	V.
344	10	19 39 54.53	2.722	16 3 3.9	8.468	(300.) B.
345	9	19 39 55.16	2.629	20 2 14.0	8.468	(297.)
346	10	19 40 27.89	2.715	16 20 48.6	8.511	(300.) B.
347	9	19 40 28.00	2.744	15 6 57.4	8.511	VI.
348	9	19 40 32.20	2.740	15 15 25.0	8.517	(204.)
349	10	19 40 41.18	2.720	16 9 3.4	8.528	(300.)
350	9	19 40 48.61	2.714	15 54 53.3	8.539	(205.)

I. (203) +0.30 -2.5; (205) -0.30 +2.5. II. (200) -0.09 +1.0; (202) +0.09 -1.1. III. (203) -0.18 -0.4; (205) +0.59 +2.0; (300) -0.40 -1.6. IV. (205) +0.05 +1.7; (300) -0.05 -1.7. V. (202) +0.12 0.0; (204) -0.11 +0.1. VI. (200) +0.07 +1.2; (202) -0.07 -1.1

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
351	9	19 41 1.99	+ 2.713	+15 35 27.1	+ 8.557	I. Ll.
352	10	19 41 11.84	2.739	15 19 12.7	8.570	(204.)
353	10	19 41 26.53	2.723	16 1 52.6	8.589	(300.)
354	9	19 41 30.72	2.639	19 37 40.1	8.594	(297.)
355	10	19 41 32.70	2.740	15 19 37.8	8.597	(300.)
356	9	19 41 55.99	2.739	15 21 53.4	8.628	II.
357	9	19 41 59.15	2.635	19 50 39.6	8.632	(297.) B.
358	9	19 42 6.84	2.745	15 5 0.4	8.642	(202.)
359	10	19 42 22.20	2.734	15 37 15.8	8.662	(204.)
360	9	19 42 31.61	2.633	19 56 35.9	8.675	(297.) B.
361	8	19 42 33.23	2.733	15 38 48.2	8.676	III.
362	10	19 42 40.51	2.733	15 39 53.7	8.686	(300.)
363	10	19 42 46.63	2.741	15 18 0.2	8.694	(300.)
364	10	19 43 15.67	2.628	20 13 56.6	8.733	(297.) B.
365	9	19 43 29.39	2.730	15 48 10.5	8.750	(202.)
366	9	19 43 44.14	2.731	15 45 49.4	8.769	IV. B.
367	9	19 43 57.77	2.629	20 11 55.9	8.788	(297.) B.
368	8	19 44 9.33	2.637	19 49 59.9	8.803	(297.) Ll.
369	10	19 44 23.12	2.740	15 22 3.0	8.817	(300.)
370	9	19 45 14.41	2.728	15 56 17.1	8.888	(300.)
371	9.10	19 45 35.28	2.668	19 28 11.6	8.915	(297.) Ll. B.
372	9	19 45 47.05	2.737	15 32 59.2	8.931	(204.) B.
373	8	19 46 5.20	2.731	15 51 40.6	8.955	V. Ll. B.
374	10	19 46 17.55	2.736	15 37 39.5	8.972	(204.)
375	10	19 46 19.78	2.725	16 6 33.7	8.975	(300.)
376	9	19 47 23.27	2.732	15 48 37.5	9.057	VI.
377	9	19 47 26.83	2.737	15 36 51.9	9.062	VII.

I. (200) +0.05 +0.9; (202) -0.10 -3.0; (204) +0.05 +2.1. II. (202) +0.01 -1.3; (204) -0.01 +1.3. III. (204) +0.01 +1.5; (205) 0.00 -1.5. IV. (204) +0.25 +0.4; (300) -0.25 -0.3. V. (205) +0.06 +0.4; (300) -0.05 -0.3 VI. (204) -0.14 +0.2; (205) +0.07 +0.5; (300) +0.08 -0.7. VII. (203) +0.11 -5.8; (204) -0.11 +5.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
378	8. 9	19 47 30.64	+ 2.722	+16 17 11.4	+ 9.067	(300.)
379	10	19 48 16.95	2.723	16 14 59.6	9.127	(300.)
380	9. 10	19 48 33.83	2.732	15 52 29.9	9.149	(205.)
381	9. 10	19 49 6 98	2 740	15 34 16.5	9.192	I. B.
382	7. 8	19 49 12.28	2.724	16 14 25.1	9.199	(300.) Ll. B. R
383	10	19 49 21.94	2.723	16 18 49.2	9.212	(300.)
384	9	19 49 26.54	2.733	15 51 3 6	9.218	(203.)
385	10	19 49 34.54	2.750	15 8 2.0	9.228	(202.)
386	10	19 49 54 92	2.739	15 35 3.2	9.254	(204.)
387	10	19 49 58.23	2.730	16 0 43.9	9.258	(203.) Ll. B.
388	10	19 50 21.94	2.710	16 54 50.4	9.290	(300.) B.
389	8. 9	19 50 26.48	2.625	20 36 2.1	9.295	(297.) R.
390	9	19 50 31 11	2.748	15 11 56.4	9.301	(202.) B.
391	9	19 50 37.38	2.754	15 0 21 0	9 309	(202.) B.
392	9. 10	19 50 56.24	2 709	16 58 34 7	9.333	(300.)
393	10	19 50 58.89	2 708	17 2 27.2	9.337	(300.)
394	9	19 51 12.31	2.749	15 12 29.9	9.354	II. B.
395	7	19 51 24.77	2.729	16 5 43.9	9.369	(205.) Ll. B.
396	10	19 51 33.24	2 628	20 33 50.7	3.380	(297.)
397	9	19 51 45.01	2.747	15 19 50 9	9 395	(300.)
398	10	19 52 15.01	2.617	20 59 31.4	9.434	(297.) B.
399	9. 10	19 52 42 13	2.719	16 36 37.6	9.469	III.
400	10	19 52 48.01	2.619	20 58 12 5	9.476	(297.) B.
401	10	19 53 13.88	2.718	16 38 40.1	9.510	(300.)
402	10	19 53 14 58	2.734	15 51 51.5	9.511	IV.
403	10	19 53 30.17	2 620	20 56 41.9	9.530	(297.)
404	8. 9	19 53 51.63	2.720	16 35 8.8	9 559	V. B.
405	9. 10	19 53 54.61	2.641	20 5 25.0	9.562	(297.)

I. (202) [+1.56] +0.2; (203) +0.16 -4 3; (204) -0.15 +4 1. **II.** (203) -0 08 +1.4; (204) +0.09 -1.3. **III.** (205) +0.16 -0.3; (300) -0 15 +0.2. **IV.** (203) -0.10 -0.9; (204) +0.11 +0 9. **V.** (205) -0.07 +0.5; (300) +0.07 -0.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
406	9	19 54 7.54	+ 2.742	+15 37 5.1	+ 9.579	(203.) Ll. B.
407	10	19 54 8.79	2.725	16 23 34.9	9.581	(205.)
408	7	19 54 14.04	2.652	19 35 40.4	9.587	(297.) Ll. B. R.
409	9. 10	19 54 14.69	2.739	15 45 35.2	9.588	(204.) B.
410	9	19 54 26.36	2.728	16 15 18.2	9.602	(300.)
411	9. 10	19 55 7.84	2.726	16 24 25.4	9.656	I.
412	9	19 55 8.62	2.726	16 22 25.9	9.658	II.
413	10	19 55 42.93	2.633	20 30 42.2	9.701	(297.) Ll. B. R.
414	8	19 55 43.05	2.753	15 12 7.2	9.701	III. Ll.
415	9	19 56 1.59	2.726	16 25 41.8	9.726	IV.
416	9	19 56 9.39	2.756	15 2 42.9	9.735	(203.) B.
417	10	19 56 18.38	2.756	15 3 7.5	9.746	(203.)
418	10	19 56 20.53	2.644	20 3 23.9	9.749	(297.)
419	10	19 56 28.98	2.735	15 19 44.0	9.760	(204.)
420	9	19 56 32.09	2.720	16 45 28.4	9.764	(300.)
421	7	19 56 38.44	2.745	15 36 50.2	9.771	(300) B. R.
422	9. 10	19 56 48.42	2.730	16 14 57.9	9.784	(205.)
423	10	19 57 8.93	2.665	19 11 47.1	9.811	(297.)
424	8. 9	19 57 9.89	2.730	16 17 25.7	9.812	V. B. R.
425	9. 10	19 57 28.81	2.731	16 13 36.5	9.836	VI. B.
426	8	19 57 54.41	2.748	15 28 44.4	9.867	VII.
427	8. 9	19 58 20.74	2.731	16 15 10.7	9.901	VIII. B. R.
428	7	19 58 30.35	2.657	19 33 52.2	9 913	(297.) R.
429	8. 9	19 58 35.76	2.729	16 22 31.0	9.921	IX. Ll. B.
430	8. 9	19 58 58.16	2.712	17 10 25.8	9.948	(296.) B.
431	10	19 59 10.70	2.729	16 23 27.0	9.965	(203.)

I. (205) -0.07 -0.2; (300) +0.08 +0.2. **II.** (205) -0.02 +1.4; (300) +0.02 -1.3. **III.** (203) -0.04 -0.8; (204) +0.04 +0.8. **IV.** (205) +0.07 -3.2; (300) -0.06 +3.2. **V.** (204) -0.19 +1.4; (205) +0.12 -1.0; (300) +0.07 -0.4. **VI.** (204) [+0.99] -0.8; (205) -0.07 [-11.9]; (300) +0.07 +0.8. **VII.** (200) +0.08 +2.6; (202) +0.04 -2.1; (203) -0.13 -0.5. **VIII.** (205) -0.02 [+14.5]; (300) +0.02 0.0. **IX.** (205) -0.07 -4.9; (300) +0.08 +5.0.

+15° +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
432	9	19 59 13.88	+ 2.735	+16 7 49.3	+ 9.969	I.
433	9. 10	19 59 23.61	2.734	16 9 25.6	9.981	II.
434	9	19 59 32.59	2.742	15 49 38.2	9.993	(203.) B.
435	7. 8	19 59 32.66	2.759	15 4 21.4	9.993	(200.)
436	9	19 59 51.85	2.739	15 57 40.0	10.017	(300.) R.
437	8	20 0 0.36	2.729	16 26 28.5	10.027	(205.) Ll. B.
438	10	20 0 13.36	2.711	17 29 53.8	10.044	(296.)
439	8	20 0 28.64	2.746	15 38 47.0	10.063	III. B. R.
440	7	20 0 40.03	2.726	16 35 31.3	10.078	(203.)
441	8. 9	20 0 40.97	2.735	16 12 57.6	10.079	(208.) Ll. B. R.
442	10	20 0 46.70	2.704	17 36 3.2	10.086	(296.)
443	10	20 0 53.59	2.745	15 43 7.8	10.095	IV.
444	8. 9	20 1 7.40	2.745	15 44 5.2	10.111	V. B.
445	8	20 1 7.92	2.725	16 39 2.3	10.113	(203.)
446	9	20 1 8.62	2.664	19 24 31.1	10.114	(297.) B. R.
447	9	20 1 15.69	2.664	19 24 24.0	10.122	(297.)
448	8	20 1 15.98	2.734	16 13 51.6	10.122	(208.) B. R.
449	9	20 1 18.97	2.686	18 24 16.4	10.126	(266.) Ll. R.
450	8	20 1 20.90	2.726	16 36 31.3	10.129	(205.) R.
451	9	20 1 34.34	2.756	15 14 45.8	10.145	VI. R.
452	10	20 1 41.47	2.730	16 27 55.3	10.155	(208.)
453	9	20 2 14.66	2.712	17 18 9.8	10.196	(206.)
454	9	20 2 15.31	2.746	15 38 18.6	10.196	VII. B.
455	8	20 2 20.27	2.730	16 28 23.8	10.203	(208.) Ll. B.
456	8. 9	20 2 30.94	2.682	18 38 14.3	10.216	(296.) Ll. R.
457	8	20 2 43.72	2.719	16 59 39.5	10.233	(205.) B.
458	9	20 2 44.09	2.733	16 21 36.8	10.233	(208.) Ll. B.

I. (204) -0.01 -1.4; (300) +0.01 +1.5. **II.** (204) -0.27 -0.3; (300) +0.28 +0.4. **III.** (202) +0.05 -2.6; (203) -0.02 -1.2; (204) -0.39 +0.9; (300) +0.37 +2.8. **IV.** (204) -0.23 -1.1; (300) +0.24 +1.2. **V.** (203) -0.13 -1.7; (204) +0.21 +0.9; (206) -0.07 +1.0; (300) +0.01 -0.1. **VI.** (200) -0.21 +1.0; (202) +0.21 -1.0. **VII.** (204) -0.08 +1.1; (300) +0.08 -1.1.

+15° +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ' "	"	° ' "	"	
459	9	20 2 49.02	+ 2.747	+15 45 8.9	+ 10.239	I. B.
460	9	20 2 51.06	2.690	18 20 41.0	10.241	(296.) B. R.
461	9. 10	20 2 53.13	2.720	16 58 39.3	10.244	(205.)
462	8. 9	20 3 12.92	2.632	20 55 22.8	10.269	(297.) B.
463	9	20 3 28.76	2.730	16 29 17.3	10.289	(208.)
464	9	20 3 29.59	2.726	16 42 30.0	10.290	(206.)
465	8. 9	20 3 32.70	2.750	15 34 51.9	10.294	II. R.
466	9	20 3 33.88	2.746	15 47 9.3	10.295	(200.)
467	10	20 3 40.27	2.687	18 30 31.6	10.303	(296.)
468	8	20 3 45.78	2.635	20 47 54.8	10.310	(297.) Ll.
469	10	20 3 49.50	2.716	17 9 43.2	10.314	(205.)
470	9	20 3 55.49	2.719	17 3 40.7	10.321	(205.) B.
471	9	20 3 59.03	2.731	16 29 17.2	10.326	III. R.
472	10	20 4 8.06	2.668	19 20 0.3	10.338	(305.)
473	10	20 4 10.08	2.688	18 28 10.7	10.340	(296.)
474	9	20 4 14.76	2.726	16 43 26.1	10.346	IV. B.
475	10	20 4 19.96	2.686	18 34 21.9	10.353	(296.)
476	8	20 4 24.33	2.745	16 24 38.5	1 .358	V.
477	7	20 4 27.40	2.638	20 41 30.1	10.361	(297.) Ll. B. R.
478	9	20 4 42.67	2.727	16 42 32.9	10.382	VI. B. R.
479	9	20 4 59.25	2.732	16 29 31.9	10.401	VII. R.
480	9	20 5 2.88	2.679	18 54 39.6	10.407	(296.) Ll. B.
481	10	20 5 6.08	2.670	19 18 52.5	10.410	(305.)
482	10	20 5 23.05	2.668	19 26 22.2	10.432	(305.)
483	8. 9	20 5 24.83	2.722	16 58 11.5	10.434	(205.) R.
484	10	20 5 28.19	2.736	16 17 1.8	10.438	(204.)
485	10	20 5 29.64	2.727	16 44 48.2	10.440	(206.)

I. (206) -0.04 -6.0; (300) +0.05 +6.0. II. (202) 0.00 -2.0; (300) +0.01 +2.0. III. (204) -0.06 +0.1; (300) +0.07 -0.1. IV. (206) -0.11 -0.5; (300) +0.12 +0.5. V. (204) -0.02 +0.2; (208) +0.02 -0.2. VI. (206) -0.11 +0.1; (300) +0.11 -0.1. VII. (204) -0.15 +0.1; (208) -0.02 +0.2; (300) +0.16 -0.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
486	9	20 5 29.72	+ 2.641	+20 37 26.3	+ 10.440	(297.) Ll. B.
487	10	20 5 34.30	2.701	17 55 28.5	10.445	(296.) Ll. B.
488	10	20 5 37.33	2.742	16 3 44.4	10.448	(300.)
489	9. 10	20 5 38.98	2.726	16 49 23.0	10.451	I.
490	9. 10	20 5 43.98	2.664	19 37 47.1	10.458	(305.) B.
491	9	20 5 57.13	2.676	19 5 46.2	10.473	(296.)
492	8	20 5 58.45	2.751	15 38 54.6	10.475	II. R.
493	10	20 6 0.42	2.695	18 15 31.1	10.478	(296.)
494	9	20 6 26.05	2.713	17 25 21.5	10.510	(208.) B. R.
495	9	20 6 32.66	2.641	20 41 53.9	10.519	(297.) Ll. R.
496	9	20 6 37.15	2.713	17 26 56.9	10.523	(208.) B. R.
497	9. 10	20 6 37.82	2.725	16 53 35.9	10.525	III. R.
498	9	20 6 41.10	2.750	15 45 51.4	10.529	IV.
499	8	20 6 42.67	2.749	15 48 57.2	10.532	V.
500	8. 9	20 6 52.96	2.751	15 42 41.7	10.544	VI.
501	9. 10	20 6 59.57	2.750	15 45 13.9	10.553	(203.)
502	10	20 7 0.71	2.726	16 51 39.0	10.554	(205.)
503	10	20 7 1.60	2.720	17 9 14.8	10.555	(206.)
504	9. 10	20 7 5.37	2.642	20 40 38.0	10.559	(897.) Ll.
505	10	20 7 15.76	2.698	18 9 11.5	10.572	(296.) R.
506	8. 9	20 7 17.91	2.707	17 45 58.0	10.575	(296.) Ll. B.
507	9	20 7 18.78	2.716	17 20 48.7	10.576	(208.) Ll. B. R.
508	9	20 7 23.33	2.643	20 36 27.1	10.582	(297.)
509	9	20 7 28.33	2.725	16 53 6.8	10.588	(205.) B. R.
510	10	20 7 36.47	2.761	15 14 46.1	10.597	VII.
511	10	20 7 43.08	2.720	17 10 0.8	10.696	(206.)
512	10	20 7 50.34	2.725	16 55 —	10.615	(205.)

I. (205) +0.04 -5.8; (206) -0.05 +4.8; (208) 0.00 +1.1. II. (203) +0.20 -0.2; (300) -0.20 +0.3. III. (206) +0.21 +2.8; (208) -0.21 -2.7. IV. (203) -0.25 -1.5; (204) -0.18 -0.6; (300) +0.52 +2.0. V. (203) -0.05 -0.8; (204) +0.06 +0.9. VI. (203) +0.03 +7.4; (300) -0.02 -7.3. VII. (202) -0.14 -3.0; (204) +0.14 +2.9.

+15° +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
513	9	20 7 50.92	+ 2.653	+20 12 3.3	+ 10.616	(305.) R.
514	9	20 7 55.42	2.727	16 51 39.5	10.621	(205.)
515	9	20 8 5.62	2.761	15 14 56.3	10 634	I.
516	10	20 8 10.13	2.711	17 35 8.9	10 639	(208.)
517	10	20 8 31.18	2.703	18 1 5.9	10.665	(296.)
518	9	20 8 36.68	2.703	18 0 48.9	10.672	(266.) Ll. B.
519	9	20 8 56.79	2.670	19 31 16.7	10 697	II.
520	9	20 8 58.59	2.749	15 51 50.4	10.700	III.
521	10	20 9 2.23	2.749	15 51 35.8	10.703	(204.)
522	10	20 9 16.04	2.689	18 37 44.0	10.720	(296.) B.
523	10	20 9 19.08	2.723	17 5 1.2	10.724	(206.)
524	9	20 9 25.68	2.736	16 28 33.4	10.733	(205.) R.
525	9	20 9 33.52	2.719	17 20 10.0	10.743	(208.)
526	9	20 9 42.37	2.757	15 32 48.8	10.752	IV. R.
527	10	20 9 44.41	2.707	17 51 10.1	10.755	(296.)
528	9	20 10 0.77	2.718	17 22 10.8	10.776	(208.)
529	8	20 10 5.15	2.740	16 18 26.8	10.781	V. R.
530	10	20 10 5.60	2.669	19 35 0.9	10 782	(297.)
531	9	20 10 7.68	2.765	15 10 36.5	10.785	(201.)
532	9	20 10 11.90	2.706	17 53 35.3	10.789	(296.) Ll. B.
533	10	20 10 14.05	2.704	17 59 18.5	10.792	(296.)
534	8. 9	20 10 15.86	2 760	15 24 45.7	10.794	VI. R.
535	9	20 10 39.92	2.667	19 45 59.9	10 824	VII. B.
536	9	20 10 44.08	2.738	16 26 34.1	10.829	(205.)
537	10	20 10 49.35	2.737	16 30 35.1	10.835	(205.)
538	10	20 10 50.62	2.721	17 16 59.7	10.838	(208.)

I. (202) -0.30 +0.5; (203) +0.20 -4.1; (204) -0.21 +2.8; (300) +0.33 +1.0. II. (297) -0.09 -0.3; (303) +0.10 +0.3. III. (204) +0.11 +0.9; (300) -0.11 -0.9. IV. (204) +0.16 +5.4; (300) -0.15 -5.4. V. (204) +0.26 -1.5; (205) -0.40 +5.4; (206) +0.14 -3.8. VI. (202) -0.04 +1.1; (203) -0.14 -1.7; (300) +0.19 +0.7. VII. (297) -0.09 -1.6; (305) +0.09 +1.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
539	8	20 11 3.71	+ 2.758	+15 32 48.3	+ 10.854	I. R.
540	9	20 11 5.32	2.662	19 57 42.5	10.855	(305.)
541	9	20 11 17.67	2.729	16 53 43.7	10.871	II. B. R.
542	9. 10	20 11 19.80	2.664	19 51 44.9	10.874	III.
543	9	20 11 22.19	2.729	16 53 58.7	10.876	IV. B. R.
544	9	20 11 27.91	2.708	17 51 52.9	10.884	(296.) Ll.
545	10	20 11 28.02	2.741	16 20 0.7	10.884	(206.)
546	9	20 11 36.09	2.744	16 14 25.2	10.893	V.
547	10	20 11 41.10	2.749	16 0 10.3	10.899	(204.) R.
548	10	20 11 49.83	2.704	18 5 56.2	10.911	(296.)
549	10	20 11 50.81	2.708	17 53 0.0	10.912	(296.)
550	8	20 11 55.64	2.730	16 53 49.4	10.918	VI.
551	10	20 12 11.43	2.742	16 19 44.6	10.936	(205.)
552	9	20 12 21.38	2.662	19 59 57.2	10.949	(305.) B.
553	9. 10	20 12 30.44	2.654	20 23 56.9	10.960	(305.)
554	10	20 12 34.37	2.723	17 15 2.2	10.965	(296.)
555	8	20 12 35.87	2.769	15 4 39.1	10.967	(201.) R.
556	9	20 12 37.91	2.737	16 34 30.9	10.970	(300.)
557	10	20 12 38.37	2.732	16 51 4.2	10.970	(300.)
558	10	20 12 41.15	2.761	15 28 6.0	10.973	VII. R.
559	10	20 12 43.46	2.675	19 31 10.8	10.976	(297.)
560	9	20 12 53.15	2.754	15 48 44.5	10.988	VIII.
561	9	20 13 8.93	2.646	20 46 36.7	11.007	(305.) B.
562	10	20 13 13.35	2.745	16 15 2.6	11.013	(205.)
563	9	20 13 18.49	2.752	16 52 51.4	11.019	(208.)
564	8	20 13 18.99	2.770	15 4 18.7	11.020	IX. Ll.

I. (201) +0.01 -0.9; (204) +0.26 +3.3; (300) -0.23 -2.4. **II.** (208) -0.09 0.0; (300) +0.09 0.0. **III.** (297) -0.09 -1.2; (305) +0.10 +1.3. **IV.** (208) -0.41 +1.1; (300) +0.42 -4.0. **V.** (204) +0.21 +1.9; (205) -0.34 -0.6; (206) +0.12 -1.4. **VI.** (208) -0.16 -0.5; (300) +0.17 +0.5. **VII.** (202) +0.08 -1.1; (204) -0.07 +1.1. **VIII.** (204) +0.16 -1.4; (206) -0.16 +1.5. **IX.** (200) +0.03 +1.7; (201) -0.10 -2.3; (202) +0.07 +0.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
565	9. 10	20 13 28.91	+ 2.675	+19 28 5.1	+ 11.032	(297.)
566	7	20 13 32.67	2.723	17 19 28.9	11.038	(296.) Ll. R.
567	10	20 13 32.83	2.676	19 31 30.2	11.038	(207.)
568	9	20 13 38.63	2.749	16 5 26.8	11.045	I.
569	8	20 13 44.71	2.761	15 32 36.5	11.052	II.
570	10	20 13 48.61	2.675	19 33 5.9	11.057	(305.)
571	10	20 13 56.79	2.741	16 26 18.1	11.065	(208.) R.
572	9. 10	20 13 57.96	2.754	15 50 29.7	11.067	III.
573	10	20 14 22.86	2.741	16 27 47.0	11.097	IV.
574	10	20 14 27.45	2.723	17 19 54.3	11.101	(296.) Ll.
575	10	20 14 29.41	2.745	16 17 2.2	11.104	(204.) R.
576	8	20 14 46.50	2.684	19 11 18.2	11.124	(297.) B.
577	9. 10	20 14 47.12	2.675	19 37 22.5	11.125	(305.)
578	10	20 14 48.45	2.722	17 25 5.5	11.127	(296.)
579	9. 10	20 14 49.90	2.771	15 4 13.9	11.130	(200.)
580	10	20 14 58.96	2.720	17 31 27.8	11.141	(296.)
581	9	20 15 10.89	2.685	19 9 8.4	11.155	(297.) B.
582	9	20 15 19.13	2.754	15 54 15.8	11.165	V.
583	9	20 15 20.25	2.754	15 53 50.5	11.166	(205.)
584	8. 9	20 15 23.82	2.756	15 46 35.1	11.171	VI.
585	9. 10	20 15 24.19	2.668	19 53 7.8	11.171	(305.) B.
586	10	20 15 31.88	2.695	18 41 19.6	11.180	(296.) B. R.
587	9	20 15 33.36	2.682	19 17 55.7	11.182	(297.)
588	10	20 15 34.58	2.662	20 15 57.5	11.184	(305.) B.
589	8. 9	20 15 35.31	2.743	16 26 28.4	11.184	VII.
590	9. 10	20 15 52.61	2.701	18 27 28.3	11.207	(296.) R.

I. (204) -0.05 -2.5; (205) +0.06 +2.6. **II.** (203) -0.11 -3.9; (204) -0.18 +2.5; (300) +0.29 +1.4. **III.** (205) -0.36 +0.8; (206) +0.37 -0.7. **IV.** (206) -0.13 +5.1; (208) +0.02 -2.5; (300) +0.10 -2.7. **V.** (203) +0.08 +2.5; (204) +0.29 -4.4; (205) -0.40 +1.9; (300) +0.03 +0.2. **VI.** (204) 0.00 -0.8; (300) +0.01 +0.8. **VII.** (206) +0.03 +0.4; (208) -0.02 -0.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
591	9	20 16 0.01	+ 2.753	+16 0 53.0	+ 11 215	I.
592	8	20 16 3.88	2.681	19 22 26.0	11.220	(297.) B.
593	9	20 16 20 47	2.742	16 30 44 9	11.239	II.
594	10	20 16 .29 73	2.713	17 53 24.9	11.251	(296.) B.
595	9	20 16 29.88	2.663	20 13 10.8	11.251	(305.)
596	10	20 16 31.49	2.744	16 27 44.7	11.252	III.
597	10	20 16 52.09	2.707	18 12 48.4	11.277	(296.)
598	7. 8	20 17 0.26	2.763	15 34 0.8	11.287	IV. Ll. R.
599	9. 10	20 17 0.56	2.746	16 23 27.6	11.288	V.
600	9. 10	20 17 9.61	2 753	16 3 42.4	11.299	(205.)
601	9	20 17 22.78	2.727	17 16 29.0	11.315	(209.) B.
602	8. 9	20 17 28.81	2 745	16 23 47.1	11.322	VI. R.
603	10	20 17 32 25	2.772	15 8 10.9	11.325	(202.)
604	9	20 17 34.56	2.771	15 14 43.5	11.329	VII.
605	10	20 17 36.69	2.708	18 13 53.8	11.331	(296.)
606	8 9	20 17 41.69	2 761	15 39 41.4	11.337	VIII. Ll.
607	9. 10	20 17 58.37	2.656	20 37 18.3	11.357	(297.) B.
608	10	20 18 0.37	2.686	19 14 21.1	11.359	(305.) B.
609	10	20 18 4.02	2.743	16 34 18.9	11.364	(300.)
610	9. 10	20 18 5 37	2.702	18 28 39.3	11.365	(296.) B.
611	10	20 18 23.38	2 762	15 40 11.9	11.387	(205.)
612	9	20 18 24.37	2.744	16 30 39.3	11.388	IX.
613	9. 10	20 18 33.73	2.775	15 3 36.3	11.400	X.
614	9. 10	20 18 46.32	2 667	20 10 5.3	11.414	(305.)

I. (203) +0.09 -2.6; (204) +0.17 +1.4; (205) -0.26 +1.3. **II.** (204) +0.27 +0.2; (206) -0.05 +0.2; (208) -0.22 -0.5. **III.** (208) -0.03 +0.5; (300) +0.04 -0.5. **IV.** (200) -0.20 +1.5; (203) +0.04 -4.0; (204) +0.17 +2.4. **V.** (208) +0.07 -1.7; (300) -0.07 +1.7. **VI.** (204) +0.17 -0.8; (206) -0.50 0.0; (208) +0.09 +1.5; (300) -0.04 -0.6. **VII.** (200) +0.19 +3.1; (201) -0.18 -0.6; (202) +0.19 -4.1; (203) -0.19 +1.6. **VIII.** (200) -0.03 +0.9; (203) +0.24 -1.3; (206) -0.20 +0.5. **IX.** (209) -0.54 +0.3; (300) +0.55 -0.3. **X.** (201) +0.71 +1.4; (202) -0.54 +0.7; (203) -0.16 -2.2.

+15° +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
615	7	20 19 2.49	+ 2.651	+20 55 25.1	+ 11.433	(297.) Ll. R.
616	8	20 19 18.29	2.684	19 22 35.7	11.453	(212.) B. R.
617	9	20 19 20.72	2.669	20 5 43.7	11.456	I.
618	9. 10	20 19 22.95	2.749	16 18 32.0	11.459	II.
619	10	20 19 27.75	2.675	19 46 59.4	11.465	(213.)
620	8. 9	20 19 32.28	2.739	16 49 39.4	11.469	(206.) Ll. B.
621	9	20 19 35.50	2.772	15 13 59.8	11.473	(201.) R.
622	10	20 19 45.18	2.752	16 12 34.1	11.485	(300.)
623	9	20 19 51.72	2.765	15 33 49.7	11.493	III.
624	9	20 19 57.01	2.769	15 24 48.4	11.499	(203.)
625	9	20 19 57.38	2.747	16 26 58.0	11.499	IV. Ll.
626	10	20 20 9.18	2.757	15 59 10.0	11.514	(300.)
627	10	20 20 13.66	2.676	19 47 22.7	11.520	(213.)
628	8. 9	20 20 22.40	2.752	16 13 17.7	11.529	V. Ll.
629	9	20 20 26.43	2.708	18 20 27.0	11.534	(296.) R.
630	8	20 20 32.99	2.673	19 59 8.5	11.543	(297.) B.
631	10	20 20 34.36	2.739	16 54 54.8	11.544	(209.)
632	10	20 20 36.45	2.659	20 39 8.0	11.546	(305.)
633	10	20 20 38.09	2.680	19 49 28.5	11.549	(213.) B.
634	9	20 20 39.07	2.705	18 28 33.3	11.550	(296.) B. R.
635	9	20 20 42.30	2.684	19 35 23.1	11.553	(297.) B.
636	10	20 20 50.25	2.705	18 31 42.4	11.563	(296.) B. R.
637	9	20 20 50.62	2.692	19 7 31.7	11.564	VI.
638	9	20 20 55.87	2.739	16 53 26.1	11.570	(209.) R.
639	10	20 21 0.59	2.706	18 27 10.3	11.576	(296.)
640	10	20 21 2.91	2.652	20 58 51.0	11.579	(305.) B.
641	9	20 21 12.13	2.749	16 24 9.1	11.589	(205.)

I. (297) +0.05 -2.5; (305) -0.04 +2.5. II. (205) +0.20 +1.0; (300) -0.20 -0.9. III. (200) 0.00 +2.7; (204) 0.00 -2.6. IV. (205) -0.10 -0.7; (206) +0.03 -0.6; (209) +0.07 +1.3. V. (204) -0.23 +0.9; (206) -0.19 +0.6; (300) +0.43 -1.4. VI. (212) +0.14 -1.6; (214) -0.13 +1.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
642	10	20 21 19.70	+ 2.764	+15 42 24.1	+ 11.598	(300.)
643	9	20 21 24.11	2.689	19 16 9.2	11.603	I. R.
644	9	20 21 25.46	2.751	16 18 14.7	11.604	(205.)
645	9	20 21 26.69	2.654	20 53 48.3	11.606	(305.) B.
646	10	20 21 30.72	2.739	16 51 56.0	11.611	(209)
647	9. 10	20 21 34.43	2.697	18 56 28.3	11.615	(296.) B.
648	10	20 21 38.52	2.755	16 9 53.7	11.621	(206.)
649	8	20 21 48.26	2 683	19 37 4.4	11.632	II.
650	10	20 21 52.90	2.763	15 47 32.4	11.638	(300.)
651	10	20 22 0.52	2.749	16 26 29.5	11.647	(205.)
652	9	20 22 3.11	2.655	20 54 47.6	11.650	(305.) B.
653	8. 9	20 22 8.53	2.764	15 45 30.2	11.657	III. Ll. R.
654	9	20 22 9.09	2.748	16 29 21.1	11.657	IV.
655	9. 10	20 22 14.75	2.763	15 46 37.7	11.664	V. Ll. R.
656	10	20 22 17.84	2.756	16 7 51.6	11.668	(206.)
657	9	20 22 21.24	2.775	15 9 41.5	11.670	(201.) R.
658	10	20 22 28.11	2.693	19 9 29.9	11.679	(296.)
659	7. 8	20 22 38.78	2.684	19 35 25.8	11.692	VI.
660	10	20 22 52.01	2.763	15 50 33.7	11.707	VII.
661	10	20 22 53.55	2.700	18 50 17.6	11.710	(296.)
662	9	20 23 8.16	2.673	20 6 25.8	11.727	VIII. B.
663	9. 10	20 23 8.35	2.772	15 25 39.2	11.727	(200.)
664	10	20 23 19.17	2.767	15 37 37.9	11.740	(300.)
665	8	20 23 20.49	2.694	19 10 7.6	11.740	IX. Ll. B.

I. (212) -0.13 -1.8; (214) +0.17 +0.1; (297) -0.03 +1.7. II. (213) +0.08 -2.2; (214) +0.08 +1.1; (297) -0.17 +1.1. III. (203) +0.22 -2.5; (204) +0.20 -0.1; (206) -0.17 +2.4; (300) -0.23 +0.2. IV. (205) -0.01 +1.9; (208) -0.13 -1.6; (209) +0.15 -0.4. V. (203) +0.27 0.0; (204) +0.05 -0.6; (300) -0.31 +0.7. VI. (212) +0.02 -1.2; (213) -0.12 -1.3; (214) +0.26 +1.7; (297) -0.14 +1.0. VII. (203) +0.22 -1.4; (204) -0.03 -3.6; (206) -0.08 +3.8; (300) -0.09 +1.1. VIII. (214) +0.25 -0.7; (297) -0.16 -1.2; (305) -0.09 +1.8. IX. (212) +0.06 +1.3; (213) -0.14 -2.6; (305) +0.09 +1.2.

+15° +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
666	9	20 23 22.54	+ 2.698	+18 55 47.9	+ 11.744	(296.) B. R.
667	9	20 23 26.80	2.748	16 34 17.6	11.748	I.
668	8	20 23 29.42	2.698	18 55 14 3	11 751	II. Ll B. R.
669	10	20 23 47.99	2 771	15 26 24.4	11.774	III.
670	9	20 23 49.17	2.743	16 49 37.2	11.775	(208) B.
671	10	20 23 59.42	2.677	19 58 1.3	11.787	(305.) R.
672	7. 8	20 24 9.83	2.748	16 34 26.4	11 800	IV. Ll. R.
673	7. 8	20 24 10.02	2.775	15 18 22.4	11.800	V. R.
674	7. 8	20 24 15.84	2.675	20 6 7.9	11.807	VI. R.
675	10	20 24 16.66	2.685	19 37 15.2	11.808	(213.) B.
676	9	20 24 18.82	2.737	17 7 59.3	11.811	(209.)
677	10	20 24 21.36	2.761	15 58 2.6	11.812	(300.)
678	10	20 24 21.64	2.716	18 10 8.2	11.813	(296.)
679	10	20 24 31.46	2.766	15 45 38.6	11.824	VII.
680	9	20 24 36.16	2.739	17 5 57.2	11.830	(209.)
681	9. 10	20 24 50.77	2.685	19 40 14.9	11.848	VIII. B.
682	9	20 24 59.00	2.773	15 24 32.5	11.858	IX. R.
683	9	20 24 59.16	2.751	16 29 18.8	11.858	(206) Ll. R.
684	10	20 25 10.16	2.756	16 14 18.2	11.871	(300.)
685	9	20 25 14.22	2.774	15 22 42.8	11.876	X. R.
686	9	20 25 20.27	2.718	18 7 21.6	11.882	(296.) B.
687	9. 10	20 25 21.37	2.685	19 40 16.2	11.883	(214.)
688	10	20 25 29.23	2.716	18 12 9.7	11.893	(296.)
689	10	20 25 32.84	2.670	20 26 16.9	11.898	(305.)
690	9	20 25 33.85	2.672	20 21 17.8	11.899	XI. B.

I. (205) +0.01 +0.5; (208) -0.04 -0.5; (209) +0.03 +0.9. II. (212) +0.06 +0.5; (296) -0.05 -0.5. III. (202) +3.36 -0.6; (204) -3.36 +0.6. IV. (205) -0.01 -1.6; (208) +0.01 +0.2; (209) -0.01 +1.4. V. (200) +0.01 +2.1; (203) +0.15 -1.9; (204) -0.17 -0.3. VI. (214) +0.11 -1.3; (297) -0.12 +0.1; (305) 0.00 +1.1. VII. (206) 0.00 +0.3; (300) 0.00 -0.3. VIII. (212) +0.16 -1.3; (213) +0.06 -0.5; (297) -0.22 +1.7. IX. (200) -0.09 +4.2; (203) +0.16 -1.4; (204) -0.08 -2.7. X. (200) -0.05 +1.3; (203) -0.06 -1.4; (204) +0.12 +0.1. XI. (297) -0.08 -2.9; (305) +0.09 +3.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
691	8. 9	20 25 44.19	+ 2.782	+15 0 10.7	+ 11.911	I. R.
692	9	20 25 50.03	2.757	16 15 48.5	11.917	(300.) Ll. R.
693	10	20 25 56.03	2.753	16 27 37.1	11.924	II.
694	9	20 26 3.14	2.775	15 23 52.2	11.933	III.
695	10	20 26 3.27	2.732	17 32 5.1	11.933	(296.)
696	10	20 26 5.02	2.698	19 5 55.3	11.935	(212.)
697	9. 10	20 26 5.70	2.748	16 43 9.1	11.936	IV. Ll.
698	7. 8	20 26 10.87	2.684	19 46 46.9	11.942	(213.) B.
699	9	20 26 11.55	2.772	15 30 43.9	11.943	V.
700	9. 10	20 26 16.35	2.745	16 50 28.9	11.948	VI. Ll. R.
701	9. 10	20 26 42.61	2.735	17 23 36.9	11.980	VII.
702	10	20 26 44.98	2.744	16 55 8.6	11.982	(300.)
703	9	20 26 54.72	2.778	15 16 8.8	11.993	VIII. R.
704	10	20 26 55.63	2.743	17 0 53.3	11.994	IX.
705	9	20 26 55.74	2.668	20 35 54.0	11.994	X. Ll. B.
706	10	20 27 0.12	2.668	20 36 8.5	11.999	XI. B.
707	9. 10	20 27 9.96	2.736	17 19 50.6	12.011	XII.
708	8. 9	20 27 11.67	2.777	15 18 46.9	12.013	(203.) R.
709	10	20 27 23.02	2.743	16 58 32.9	12.026	(300.)
710	8	20 27 23.52	2.692	19 26 24.0	12.027	(213.) R.
711	8. 9	20 27 24.67	2.736	17 20 26.2	12.028	XIII. R.
712	8. 9	20 27 29.08	2.670	20 28 26.8	12.033	(297.) Ll. B. R.
713	8	20 27 31.00	2.702	19 1 4.5	12.035	XIV.
714	9	20 27 32.61	2.751	16 37 43.0	12.038	(206.) Ll.

I. (201) -0.16 -1.9; (203) +0.16 +1.9. II. (209) +0.11 +4.4; (300) -0.10 -4.4. III. (203) +0.13 -0.6; (204) -0.02 +0.7. IV. (205) -0.04 +1.1; (206) +0.12 +0.9; (300) -0.07 -2.1. V. (203) -0.09 -0.3; (204) +0.09 +0.3. VI. (206) +0.29 +1.6; (300) -0.28 -1.5. VII. (208) -0.06 -2.2; (296) +0.05 +2.2. VIII. (203) +0.06 0.0; (204) -0.05 0.0. IX. (206) 0.00 +3.0; (209) -0.19 -2.3; (300) +0.18 -0.6. X. (297) -0.12 -2.2; (305) +0.12 +2.2. XI. (297) -0.06 -0.7; (305) +0.07 +0.7. XII. (208) -0.25 -0.5; (296) +0.25 +0.6. XIII. (208) +0.05 +2.4; (209) +0.02 -5.6; (296) -0.06 +3.1. XIV. (212) 0.00 +3.4; (214) +0.01 -3.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
715	8. 9	20 27 39.92	+ 2.684	+19 54 53.0	+ 12.046	I.
716	10	20 27 54.19	2.746	16 54 52.1	12.062	(300.)
717	10	20 27 56.41	2.724	18 0 52.3	12.064	(296.)
718	6	20 28 7.98	2.769	15 49 27.4	12.079	(202.)
719	10	20 28 19.32	2.724	18 0 10.5	12.092	(296.)
720	9. 10	20 28 27.52	2.750	16 42 58.9	12.102	II.
721	9	20 28 29.89	2.703	19 0 49.5	12.104	III. B.
722	10	20 28 32.35	2.777	15 25 9.2	12.106	(204.)
723	9. 10	20 28 34.81	2.680	20 9 48.2	12.110	IV. B.
724	10	20 28 35.33	2.752	16 38 40.9	12.110	(300.)
725	9	20 28 43.08	2.771	15 41 57.3	12.120	V.
726	9. 10	20 28 59.54	2.720	18 13 53.2	12.139	VI. B.
727	10	20 29 19.31	2.717	18 24 25.5	12.162	(296.)
728	8	20 29 21.84	2.759	16 17 49.8	12.164	VII. Ll. R.
729	8	20 29 32.14	2.712	18 40 25.3	12.176	(212.)
730	9	20 29 34.65	2.718	18 24 25.7	12.180	(211.) B.
731	9	20 29 40.77	2.683	20 4 56.3	12.187	(214.) B.
732	9. 10	20 29 41.84	2.753	16 37 45.9	12.188	VIII. R.
733	9. 10	20 29 46.61	2.762	16 11 42.9	12.194	IX. Ll. R.
734	9	20 29 49.21	2.688	19 50 45.3	12.197	(213.) B.
735	9	20 29 49.77	2 687	19 54 31.7	12.197	(213.) B.
736	9	20 29 52.26	2.731	17 45 27.8	12.199	(209.)
737	9	20 29 53.65	2.775	15 32 17.3	12.202	(201.)
738	10	20 29 55.66	2.723	18 9 4.7	12.204	(211.)
739	9. 10	20 30 3.65	2.775	15 33 37.9	12.214	(200.)
740	10	20 30 17.38	2.720	18 18 13.6	12.228	X. B.

I. (213) -0.05 -1.0; (297) +0.06 +1.1. **II.** (208) -0.20 +1.0; (300) +0.21 -0.9. **III.** (212) -0.21 -2.1; (214) +0.21 +2.1. **IV.** (214) 0.00 -0.5; (305) +0.01 +0.5. **V.** (203) +0.13 -0.7; (206) -0.13 +0.7. **VI.** (211) 0.00 -0.8; (296) +0.01 +0.9. **VII.** (204) +0.06 -0.9; (206) +0.08 +1.0; (300) -0.13 -0.1. **VIII.** (208) +0.01 -0.3; (300) -0.01 +0.4. **IX.** (204) +0.51 -0.3; (208) -0.25 +0.5; (300) -0.27 -0.1. **X.** (211) +0.03 +2.0; (296) -0.03 -1.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
741	9. 10	20 30 18.98	+ 2.766	+16 1 58.0	+ 12.231	I.
742	9	20 30 20.15	2.688	19 49 45 9	12.232	II. B.
743	9	20 30 41.83	2.760	16 22 31.2	12.257	III.
744	9	20 30 48.46	2.689	19 49 2.6	12.265	IV. B.
745	10	20 30 53.48	2.774	15 40 22.5	12.270	(300.)
746	8	20 30 54.18	2.716	18 32 58.0	12.271	(212.) B.
747	10	20 30 57.38	2.779	15 24 57.2	12.274	(300.)
748	10	20 30 58.65	2.681	19 44 29.0	12.277	(215.)
749	10	20 30 59.54	2 751	16 48 47.6	12.278	(204.)
750	9	20 31 1.12	2.715	18 35 25.7	12.279	(212.) B. R.
751	6	20 31 2.12	2.752	17 44 39.6	12.280	(209.)
752	10	20 31 8.60	2.752	17 44 46 6	12.289	(209.)
753	10	20 31 10.57	2.721	18 17 48.0	12.290	(296.)
754	10	20 31 13.50	2.753	16 42 23.1	12 293	(206.)
755	9. 10	20 31 14.09	2.749	16 55 19.7	12.294	V.
756	10	20 31 16.44	2.781	15 17 47.3	12.296	(300.)
757	9	20 31 25.25	2.721	18 17 26.0	12.307	VI. B.
758	9. 10	20 31 41.37	2.720	18 20 38.9	12.325	VII. B.
759	9	20 31 48.92	2.718	18 30 39.8	12.335	VIII. B.
760	6	20 31 49.63	2.673	20 40 43.1	12.335	(305.)
761	10	20 31 51.64	2.762	16 19 5.2	12.337	(205.)
762	9	20 31 58.39	2.689	19 53 14.8	12.345	IX. B.
763	7	20 32 7.48	2 780	15 18 18.0	12.355	(204.) Ll. R.
764	7. 8	20 32 7.78	2.780	15 18 50.9	12.357	X. Ll. R.
765	9. 10	20 32 16.25	2.773	15 48 12.9	12.366	(202.)
766	8	20 32 17.33	2.742	17 20 29.1	12.366	XI.

I. (203) +0.16 +0.6; (204) -0.03 -1.9; (206) +0.10 +1.7; (300) -0.21 -0.3.
II. (213) -0.37 -1.7; (214) +0.38 +1.8. III. (206) +0.16 +2.4; (208) -0.15 -2.3.
IV. (213) -0.21 -1.6; (214) +0.21 +1.7. V. (206) +0.09 +1.6; (208) -0.08 -1.5.
VI. (211) -0.05 -0.1; (296) +0.05 +0.1. VII. (211) -0.11 +0.6; (296) +0.12 -0.6.
VIII. (212) +0.10 +2.3; (296) -0.09 -2.2. IX. (213) -0.19 -1.1; (214) +0.20 +1.2.
X. (203) +0.25 -1.5; (300) -0.24 +1.6. XI. (208) -0.01 -0.9; (209) +0.01 +0.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
767	8. 9	20 32 20.99	+ 2.707	+19 2 4.7	+ 12.371	I.
768	5	20 32 40.35	2.782	15 23 8.6	12.393	II. Ll. R.
769	9	20 32 40.71	2.721	18 25 19.8	12.394	(211.) B.
770	10	20 32 42.16	2.673	20 43 21.6	12.395	(305.)
771	9. 10	20 32 43.99	2.717	18 36 9.7	12.398	(212.) B.
772	9	20 32 44.17	2.714	18 43 42.1	12.398	(212.)
773	10	20 32 51.47	2.675	20 40 52.4	12.405	(305.)
774	8	20 32 54.39	2.693	19 46 27.7	12.409	(213.)
775	10	20 33 16.22	2.691	19 51 10.9	12.434	(213.)
776	9	20 33 19.54	2.711	18 53 38.7	12.439	(214.)
777	9	20 33 23.02	2.750	16 59 29.7	12.443	(205.) B.
778	9	20 33 23.16	2.783	15 20 58.1	12.443	(200.) B.
779	9	20 33 34.42	2.762	16 24 45.4	12.455	(208.)
780	9	20 33 35.78	2.762	16 24 52.9	12.457	(208.)
781	8. 9	20 33 36.62	2.788	15 6 39.2	12.458	(203.) Ll.
782	10	20 33 36.64	2.695	19 44 59.1	12.461	(212.)
783	9. 10	20 33 39.21	2.781	15 26 39.5	12.461	III.
784	7	20 33 49.42	2.676	20 40 37.4	12.473	(297.)
785	7	20 33 58.55	2.702	19 23 34.2	12.484	(214.) Ll. B.
786	10	20 33 59.89	2.672	20 56 26.8	12.485	(305.)
787	7. 8	20 34 1.19	2.750	17 2 26.2	12.486	IV. B.
788	10	20 34 10.80	2.717	18 37 53.0	12.497	(212.)
789	9	20 34 20.58	2.737	17 40 22.1	12.509	(211.)
790	10	20 34 24.87	2.741	17 30 32.6	12.514	(211.)
791	10	20 34 26.91	2.693	19 51 15.1	12.516	(213.)
792	9	20 34 43.25	2.754	16 53 24.2	12.534	V. B.
793	10	20 34 58.13	2.713	18 54 51.8	12.552	(212.)

I. (214) +0.21 +2.3; (296) -0.21 -2.2. II. (201) -0.05 -0.8; (203) -0.05 0.0; (204) +0.25 +0.6; (300) -0.16 +0.2. III. (201) -0.03 +0.1; (203) +0.04 -0.1. IV. (205) -0.26 +1.3; (206) +0.05 +0.2; (209) +0.22 -1.4. V. (206) +0.06 +1.1; (209) -0.06 -1.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
794	10	20 34 58.42	+ 2.765	+16 21 38.9	+ 12.552	(300.)
795	7. 8	20 34 58.55	2.687	20 10 59.8	12.553	(214.)
796	10	20 34 59.75	2.696	19 45 16.7	12.553	(213.)
797	9	20 35 4.40	2.712	18 59 15.5	12.558	(212.) Ll. B.
798	7	20 35 5.08	2.752	16 59 11.6	12.559	I. Ll. B.
799	9	20 35 10.42	2.688	20 9 15.6	12.564	(214.)
800	10	20 35 11.81	2.766	16 16 51.9	12.566	II.
801	9	20 35 23.40	2.780	15 34 39.3	12.580	III.
802	8	20 35 24.16	2.710	19 5 40.6	12.581	(212.) Ll. B.
803	10	20 35 38.29	2.781	15 34 37.4	12.597	(203.)
804	9. 10	20 35 40.45	2.781	15 35 36.4	12.598	IV.*
805	9. 10	20 35 56.03	2.753	17 0 15.1	12.617	V.
806	10	20 35 56.18	2.760	16 37 49.6	12.617	(300.)
807	10	20 36 1.37	2.674	20 52 54.4	12.622	(305.)
808	9	20 36 7.00	2.686	20 19 30.1	12.629	(305.) R.
809	10	20 36 9.26	2.762	16 33 56.4	12.632	VI.
810	10	20 36 11.17	2.762	16 33 4.9	12.633	(206.)
811	10	20 36 24.86	2.760	16 40 20.8	12.650	(300.)
812	9	20 36 29.44	2.715	18 54 22.4	12.655	(212.)
813	9. 10	20 36 32.68	2.766	16 24 26.8	12.659	(205.)
814	10	20 36 36.51	2.777	15 47 24.7	12.663	(204.)
815	9. 10	20 36 55.10	2.720	18 41 56.4	12.684	(212.)
816	9	20 37 1.70	2.720	18 40 47.9	12.691	(212.) B.
817	8	20 37 5.94	2.741	17 39 32.5	12.696	(207.)
818	?	20 37 6.22	2.753	17 1 59.5	12.696	VII.
819	10	20 37 15.71	2.778	15 47 58.6	12.707	(204.)
820	9	20 37 16.54	2.718	18 49 29.3	12.708	(214.) B.

I. (205) +0.75 +1.2; (206) -0.66 +0.1; (208) +0.13 -1.9; (209) -0.20 +0.8. II. (204) +0.15 +2.1; (300) -0.14 -2.0. III. (201) +0.06 +1.5; (204) -0.06 -1.4. IV. (203) +0.22 -1.3; (204) -0.21 +1.3. V. (205) 0.00 +3.4; (208) +0.01 -3.3. VI. (206) +0.01 -2.1; (300) 0.00 +2.1. VII. (208) +0.13 -2.8; (209) +0.10 -0.7; (210) -0.10 +2.8; (300) -0.13 +0.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
821	10	20 37 25.39	+ 2.745	+17 27 32.3	+ 12.718	(211.)
822	10	20 37 37.99	2.738	17 51 7.7	12.733	(211.)
823	10	29 37 41.58	2.757	16 54 51.4	12.736	(210.)
824	8. 9	20 37 43.13	2.716	18 58 31.5	12.738	(214.) B.
825	10	20 37 48.61	2.740	17 44 22.3	12.745	(211.)
826	10	20 37 50.20	2.761	16 42 5.1	12.746	I.
827	9	20 38 0.25	2.712	19 10 31.7	12.757	II. B.
828	8. 9	20 38 2.51	2.696	19 57 3.4	12.759	(305.) Ll. B.
829	9	20 38 18.81	2.740	17 45 3.0	12.779	(211.)
830	9. 10	20 38 20.68	2.745	17 29 35.4	12.780	III.
831	9. 10	20 38 31.59	2.744	17 36 55.2	12.792	IV.
832	7	20 38 36.22	2.746	17 33 51.1	12.797	V.
833	9	20 38 53.84	2.707	19 28 17.7	12.818	(214.)
834	9. 10	20 38 55.80	2.774	16 4 41.4	12.820	VI.
835	9. 10	20 39 7.18	2.691	20 14 51.3	12.832	(305.) B.
836	10	20 39 7.31	2.743	17 41 19.7	12.832	VII. B.
837	10	20 39 10.75	2.778	15 53 44.8	12.836	(300.) R.
838	9	20 39 13.78	2.788	15 21 35.1	12.840	(204.) B. R.
839	9	20 39 25.39	2.743	17 40 12.1	12.852	(207.)
840	9	20 39 28.22	2.749	17 22 15.4	12.856	VIII. B.
841	10	20 39 29.41	2.777	15 57 59.8	12.857	IX.
842	8. 9	20 39 40.28	2.770	16 21 34.0	12.868	(205.)
843	8	20 39 54.09	2.748	17 27 31.4	12.885	(207.)
844	9	20 39 58.26	2.706	19 34 39.8	12.890	X. B.
845	10	20 40 17.89	2.713	19 15 42.1	12.910	(212.)

I. (206) +0.04 +3.9; (300) -0.04 -3.8. **II.** (214) +0.16 +1.8; (305) -0.15 -1.7. **III.** (208) +0.01 -1.2; (209) +0.35 +0.2; (210) -0.35 +1.1. **IV.** (208) -0.36 -1.5; (209) +0.14 +0.9; (210) +0.21 +0.6. **V.** (208) -0.04 +0.2; (209) +0.20 +0.1; (210) -0.16 -0.3. **VI.** (203) -0.29 +0.3; (205) +0.52 -1.3; (206) +0.04 +1.4; (300) -0.23 -0.4. **VII.** (210) -0.01 -2.8; (211) +0.01 +2.8. **VIII.** (208) +0.03 -2.5; (210) -0.03 +2.5. **IX.** (203) +0.11 -0.2; (300) -0.10 +0.2. **X.** (212) +0.09 -3.1; (214) +0.16 -0.4; (305) -0.24 +3.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
846	9	20 40 18.55	+ 2.776	+16 2 54.1	+ 12.910	I.
847	9. 10	20 40 21.79	2.778	15 57 29.0	12.915	II.
848	9	20 40 22.82	2.749	17 25 58.2	12.916	III. B.
849	9	20 40 34.90	2.747	17 31 15.8	12.929	(208.)
850	9	20 40 39.41	2.784	15 41 28.9	12.933	IV. Ll.
851	10	20 40 48.24	2.741	17 52 51.9	12.943	(210.)
852	8	20 40 50.38	2.774	16 13 14.9	12.947	(300.)
853	10	20 41 5.99	2.710	19 28 0.3	12.964	(305.) B.
854	10	20 41 6.46	2.702	19 51 21.9	12.964	(305.)
855	8	20 41 12.67	2.760	16 55 41.8	12.972	(207.)
856	9	20 41 21.42	2.710	19 27 57.9	12.981	(214.)
857	9	20 41 25.97	2.742	17 50 36.8	12.986	V. R.
858	9	20 41 28.12	2.776	16 4 0.9	12.988	(300.)
859	10	20 41 34.17	2.781	15 53 8.5	12.995	VI.
860	9	20 41 40.19	2.687	20 40 58.5	13.002	(305.) Ll.
861	8	20 41 43.44	2.754	17 17 26.4	13.005	(209.) B. R.
862	8	20 41 54.03	2.754	17 18 3.6	13.016	(209.) B. R.
863	9. 10	20 41 54.17	2.783	15 46 58.5	13.018	(200.)
864	9	20 41 55.62	2.714	19 18 31.1	13.020	(212.) B. R.
865	10	20 41 59.95	2.760	16 59 32.4	13.025	(207.)
866	9	20 42 6.08	2.784	15 44 30.6	13.031	VII. Ll.
867	9	20 42 28.24	2.741	17 56 6.2	13.055	(210.) B. R.
868	8. 9	20 42 37.34	2.791	15 26 16.1	13.065	VIII. Ll. R.
869	9	20 42 45.11	2.794	15 19 12.2	13.074	IX. Ll.

I. (203) +0.03 +0.9; (300) -0.03 -0.8. II. (203) -0.09 +2.0; (205) -0.37 -1.1; (206) 0.00 +0.9; (201) +0.12 —; (300) +0.36 -1.7. III. (208) +0.04 0.0; (209) -0.03 0.0. IV. (204) +0.07 -0.3; (205) -1.29 -1.7; (206) +1.21 +1.9. V. (209) -0.18 -1.7; (210) +0.18 +1.8. VI. (204) -0.17 -1.2; (206) +0.18 +1.2. VII. (203) +0.39 -2.0; (204) -0.28 -0.8; (205) -0.06 +1.6; (206) -0.11 +1.5; (300) +0.08 -1.2. VIII. (201) -0.28 -1.0; (203) +0.27 -2.0; (204) -0.25 +0.6; (300) +0.28 +2.3. IX. (201) -0.32 +0.1; (203) +0.31 -1.7; (204) -0.21 -0.4; (300) +0.21 +2.2.

+15° +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
870	10	20 42 53.35	+ 2.744	+17 51 7.3	+ 13.083	(210.)
871	10	20 43 8.46	2.772	16 25 47.5	13.099	(205.) R.
872	9. 10	20 43 14.11	2.715	19 21 33.7	13.106	I. R.
873	9	20 43 27.80	2.760	17 4 9.7	13.121	(207.)
874	10	20 43 32.04	2.753	17 28 19.2	13.126	(209.) R.
875	8	20 43 43.27	2.753	17 29 37.8	13.133	II. R.
876	9. 10	20 43 44.95	2.774	16 22 54.1	13.140	(300.)
877	8	20 43 46.27	2.764	16 54 1.1	13.141	(207.)
878	9	20 43 47.52	2.775	16 18 5.4	13.143	III.
879	10	20 43 49.25	2.763	16 57 50.5	13.144	(207.)
880	9	20 43 55.59	2.705	19 55 10.0	13.152	IV. Ll. R.
881	9	20 44 7.91	2.752	17 30 30.0	13.165	(209.) B. R.
882	9	20 44 8.64	2.791	15 29 18.7	13.166	(203.) Ll.
883	10	20 44 17.11	2.785	15 49 5.9	13.175	(204.)
884	9. 10	20 44 19.27	2.776	16 16 47.7	13.177	V.
885	9. 10	20 44 24.39	2.774	16 21 15.5	13.183	VI.
886	9	20 44 26.11	2.749	17 38 36.0	13.185	VII. B.
887	10	20 44 46.99	2.692	20 37 45.3	13.208	(305.)
888	9	20 44 49.31	2.749	17 42 59.7	13.210	(210.) B.
889	10	20 44 51.60	2.741	18 9 13.1	13.214	(211.)
890	9	20 44 58.93	2.712	19 38 23.1	13.221	VIII. B. R.
891	9	20 44 59.16	2.786	15 50 2.1	13.221	IX. Ll.
892	9	20 45 12.61	2.775	16 22 32.0	13.237	X.
893	9	20 45 34.83	2.715	19 33 58.6	13.261	XI. Ll. B. R.
894	8	20 45 36.43	2.755	17 27 58.5	13.262	XII. B. R.

I. (212) -0.01 -1.7; (214) +0.34 +0.1; (305) +0.26 +1.7. II. (208) +0.08 -0.1; (209) -0.08 +0.1. III. (205) -0.03 -1.6; (300) +0.04 +1.6. IV. (214) +0.14 -1.1; (305) -0.14 +1.1. V. (206) -0.10 +1.6; (300) +0.10 -1.6. VI. (205) +0.02 +0.3; (206) -0.14 +0.4; (300) +0.13 -1.2. VII. (209) +0.24 +1.1; (210) -0.24 -1.1. VIII. (213) -0.10 -2.4; (214) +0.10 +2.4. IX. (203) -0.44 -1.0; (204) +0.44 +1.0. X. (205) -0.24 +0.4; (300) +0.25 -0.4. XI. (213) -0.09 -2.8; (214) +0.01 -0.8; (303) +0.09 +3.5. XII. (208) -0.09 -1.5; (210) +0.10 +1.5.

+15° | | | | | | +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
895	9. 10	20h 45′ 37.49″	+ 2.742″	+18° 10′ 44.5″	+ 13.263″	(211.)
896	9	20 45 49.31	2.771	16 39 17.2	13.276	(300.)
897	9	20 46 9.13	2.765	16 56 15.7	13.298	(207.)
898	8. 9	20 46 12.94	2.756	17 26 21.7	13.303	(207.)
899	8. 9	20 46 14.83	2.787	15 46 38.2	13.305	I. Ll.
900	10	20 46 15.63	2.702	20 12 34.1	13.306	(305.) B.
901	10	20 46 19.63	2.720	19 18 35.0	13.310	(213.) B.
902	10	20 46 23.91	2.777	16 20 13.2	13.314	II.
903	9. 10	20 46 25.23	2.785	15 55 55.3	13.315	(204.) Ll.
904	10	20 46 29.53	2.789	15 42 29.2	13.321	(300.) Ll.
905	10	20 46 31.99	2.736	18 33 4.0	13.323	(211.)
906	9. 10	20 46 40.29	2.700	20 22 3.9	13.332	(305.) B.
907	8	20 46 49.54	2.727	19 1 34.9	13.343	(212.) B. R.
908	10	20 46 54.66	2.761	17 16 14.7	13.348	(210.)
909	10	20 46 54.76	2.751	17 44 7.9	13.348	(209.)
910	10	20 46 58.02	2.760	17 17 6.7	13.351	(210.)
911	9	20 47 1.28	2.729	18 54 36.4	13.355	(212.) B.
912	9	20 47 4.94	2.710	19 52 10.8	13.359	(214.)
913	8. 9	20 47 12.81	2.757	17 27 42.8	13.368	III. R.
914	10	20 47 14.23	2.755	17 32 13.9	13.369	(208.)
915	9	20 47 14.53	2.710	19 52 7.0	13.370	(214.)
916	9. 10	20 47 20.65	2.788	15 47 45.8	13.376	IV. Ll.
917	8	20 47 21.32	2.723	19 11 10.0	13.376	(213.) Ll B.
918	9	20 47 25.04	2.793	15 31 35.5	13.380	V. Ll.
919	9. 10	20 47 36.53	2.797	15 25 31.9	13.393	(204.)
920	9. 10	20 47 55.95	2.761	17 17 40.3	13.414	VI. B.
921	8	20 47 58.76	2.764	17 7 34.6	13.417	(300.)

I. (203) -0.01 -0.7; (204) -0.22 -1.2; (300) +0.24 +2.0. II. (205) +0.09 +2.5; (206) -0.08 -2.5. III. (208) +0.10 +0.1; (211) -0.09 -0.1. IV. (205) -0.06 +0.6; (206) -0.06 -0.5; (300) +0.12 -0.2. V. (200) +0.03 +2.1; (204) -0.02 -2.0. VI. (210) +0.09 +1.0; (211) -0.08 -1.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
922	9	20 48 6.46	+ 2.773	+16 41 28.0	+ 13.425	I. Ll. R.
923	9	20 48 6.43	2.759	17 24 44.1	13.425	II. B.
924	9	20 48 12.74	2.734	18 41 21.8	13.433	III. B.
925	9	20 48 15.84	2.763	17 11 40.4	13.436	(210.) R.
926	10	20 48 36.60	2.726	19 10 46.6	13.458	(305.)
927	9. 10	20 48 40.44	2.734	18 46 20.4	13.462	IV.
928	9	20 48 49.66	2.774	16 42 5.3	13.473	V. Ll. R.
929	10	20 48 59.60	2.732	18 52 21.6	13.484	(213.)
930	9	20 49 4.82	2.760	17 17 39.9	13.489	VI. B. R.
931	8	20 49 12.57	2.793	15 40 36.8	13.498	VII.
932	9. 10	20 49 19.41	2.725	19 16 7.0	13.504	(305.)
933	9	20 49 23.90	2.778	16 27 18.7	13.509	VIII.
934	9	20 49 36.30	2.775	16 40 39.5	13.522	IX. Ll. R.
935	10	20 49 46.68	2.698	20 43 16.5	13.534	(305.)
936	10	20 49 48.13	2.742	18 26 18.4	13.535	(213.)
937	10	20 50 0.81	2.701	20 33 53.8	13.549	(305.)
938	8	20 50 4.54	2.778	16 31 24.0	13.554	X. Ll.
939	10	20 50 4.91	2.762	17 23 —	13.554	(210.)
940	9. 10	20 50 10.51	2.801	15 16 36.9	13.561	(204.)
941	9	20 50 19.25	2.73[illegible]	19 4 14.8	13.569	(212.) B.
942	9	20 50 24.66	2.758	17 36 51.1	13.575	(211.) Ll. R.
943	10	20 50 30.09	2.782	16 18 59.9	13.581	(206.)
944	8	20 50 36.24	2.721	19 35 2.6	13.587	(212.) B. R.
945	10	20 50 50.28	2.761	17 30 23.9	13.602	(210.) R.

I. (205) +0.45 +1.0; (206) -0.28 +0.9; (300) -0.16 -2.0. **II.** (208) -0.08 -4.1; (209) 0.00 -1.3; (210) +0.07 +4.6; (211) 0.00 +1.0. **III.** (212) -0.08 +0.3; (213) +0.09 -0.2. **IV.** (212) -0.06 -1.6; (213) +0.07 +1.6. **V.** (205) -0.37 -0.2; (206) +0.52 +0.1; (300) -0.15 +0.1. **VI.** (208) -0.11 -6.3; (210) +0.12 +6.3. **VII.** (203) +0.59 -1.3; (204) -0.58 +1.4. **VIII.** (204) -0.06 -2.4; (300) +0.06 +2.5. **IX.** (205) +0.06 +1.7; (206) +0.09 -1.0; (208) +0.01 -0.8; (209) +0.06 +0.1; (300) -0.21 0.0. **X.** (205) -0.17 +0.3; (206) -0.23 +1.2; (208) +0.10 +1.2; (300) +0.30 -2.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
946	9	20 51 0.33	+ 2.720	+19 38 50.7	+ 13.613	(212.) B. R.
947	10	20 51 7.44	2.739	18 40 32.5	13.620	(213.)
948	10	20 51 9.01	2.782	16 24 42.1	13.622	I.
949	8. 9	20 51 9.49	2.780	16 30 28.6	13.622	II. Ll.
950	9	20 51 15.87	2.761	17 28 35.0	13.630	(207.)
951	9	20 51 26.38	2.776	16 41 46.0	13.640	(209.) Ll.
952	10	20 51 27.21	2.701	20 38 23.8	13.641	III. B.
953	9	20 51 31.80	2.759	17 37 36.5	13.647	IV. B.
954	10	20 51 31.98	2.792	15 51 28.2	13.647	(203.) Ll. R.
955	9	20 51 32.05	2.786	16 13 7.0	13.647	(204.)
956	9	20 51 33.61	2.793	15 51 29.9	13.649	(203.) Ll. R.
957	9	20 51 40.09	2.718	19 49 5.3	13.656	(214.)
958	10	20 51 44.02	2.761	17 32 46.2	13.660	(207.)
959	9	20 51 47.48	2.793	15 50 44.7	13.663	(204.) Ll. R.
960	9	20 51 48.41	2.784	16 19 26.0	13.664	V.
961	10	20 51 54.82	2.780	16 32 47.4	13.671	(206.)
962	10	20 52 2.30	2.711	20 13 34.1	13.679	(305.) B.
963	9. 10	20 52 5.67	2.725	19 28 15.2	13.683	(212.) R.
964	10	20 52 6.19	2.761	17 32 34.8	13.683	(210.) B.
965	10	20 52 21.15	2.759	17 38 51.6	13.699	(211.)
966	10	20 52 23.63	2.761	17 34 34.4	13.702	(207.)
967	9. 10	20 52 41.82	2.782	16 29 56.3	13.722	VI.
968	9	20 52 46.34	2.751	17 36 31.2	13.726	(211.) B.
969	10	20 52 48.74	2.713	20 10 4.4	13.729	(214.)
970	8	20 52 52.28	2.787	16 14 36.6	13.732	VII. Ll. R.

I. (208) -0.05 -1.5; (300) +0.06 +1.6. II. (204) +0.08 +0.7; (205) -0.19 +0.4; (206) -0.15 +2.7; (208) +0.02 -0.8; (300) +0.23 -2.8. III. (215) -0.08 -4.6; (305) +0.09 +4.7. IV. (210) +0.36 +0.9; (211) -0.36 -0.8. V. (204) +0.20 -0.7; (205) -0.36 +0.7; (208) +0.09 +2.1; (300) +0.09 -2.2. VI. (206) -0.69 +1.1; (209) + .69 -1.0. VII. (204) +0.04 -1.3; (205) -0.37 +0.2; (206) +0.13 -1.9; (208) -0.07 -0.2; (300) +0.29 -0.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
971	10	20 52 54.09	+ 2.787	+16 15 18.8	+ 13.734	(205.)
972	10	20 52 55.41	2.787	16 15 32.0	13.735	I. R.
973	10	20 52 57.13	2.788	16 11 53.1	13.737	(300.)
974	9	20 52 59.29	2.726	19 29 14.4	13.739	(212.) Ll. B.
975	8	20 53 20.53	2.728	19 22 41.9	13.763	II. Ll. B. R.
976	10	20 53 23.28	2.703	20 42 34.6	13.765	(215.) B. R.
977	9	20 53 36.25	2.764	17 32 33.3	13.779	(207.)
978	5	20 53 36.53	2.741	18 44 54.8	13.780	(213.)
979	9. 10	20 53 42.49	2.783	16 29 27.7	13.786	III.
980	9	20 53 42.87	2.802	15 28 45.9	13.787	(203.) Ll. R.
981	9	20 53 50.74	2.766	17 26 13.8	13.795	(207.)
982	10	20 54 1.09	2.711	20 21 42.3	13.806	(305.)
983	9	20 54 7.88	2.745	18 34 26.3	13.813	(211.) B.
984	9	20 54 16.58	2.805	15 17 52.4	13.822	IV. R.
985	9. 10	20 54 21.63	2.795	15 52 12.8	13.828	(204.) R.
986	10	20 54 45.96	2.760	17 49 5.7	13.853	(213.)
987	10	20 54 51.87	2.702	20 51 36.9	13.859	V. B. R.
988	10	20 54 58.33	2.781	16 42 14.4	13.865	(208.)
989	10	20 54 59.47	2.731	19 21 43.6	13.868	(214.)
990	9	20 55 0.35	2.749	18 24 43.1	13.868	(211.) B.
991	9. 10	20 55 2.97	2.709	20 31 5.3	13.871	(305.) Ll. B.
992	9	20 55 8.26	2.763	17 41 19.1	13.876	(207.)
993	10	20 55 9.11	2.781	16 40 28.1	13.877	VI.
994	8. 9	20 55 14.11	2.809	15 10 28.9	13.883	(204.)
995	9	20 55 15.51	2.789	16 14 15.9	13.885	VII. R.
996	9	20 55 15.84	2.783	16 33 47.8	13.885	(300.)

I. (204) -0.02 -1.9; (208) -0.09 +2.0; (300) +0.11 -0.8. **II.** (212) -0.01 -3.0; (214) +0.02 +3.1. **III.** (204) +0.20 -0.8; (209) -0.09 -0.2; (300) -0.10 +1.0. **IV.** (203) +0.03 -2.5; (204) +0.08 +2.6; (300) -0.10 -0.1 **V.** (215) -0.25 -2.7; (305) +0.26 +2.7. **VI.** (208) +0.10 +3.9; (209) -0.10 -3.8. **VII.** (205) -0.95 +1.3; (206) +0.59 +2.7; (300) +0.36 -4.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
997	9. 10	20 55 22.06	+ 2.732	+19 18 10.9	+ 13.891	I. B. R.
998	10	20 55 37.47	2.763	17 39 40.9	13.907	(207.)
999	8	20 55 46.35	2.806	15 22 42.4	13.916	(204.) Ll. R.
1000	9. 10	20 55 49.16	2.743	18 48 40.1	13.919	(214.)
1001	10	20 55 52.98	2.723	19 50 31.8	13.924	(305.)
1002	9	20 55 54.71	2.801	15 38 11.6	13.926	(204.) Ll.
1003	7	20 55 56.93	2.798	15 48 15.8	13.928	II.
1004	9	20 55 59.56	2.810	15 10 16.4	13.931	(202.)
1005	10	20 56 0.54	2.795	15 58 44.5	13.932	III.
1006	10	20 56 5.35	2.767	17 30 59.5	13.936	(207.)
1007	9. 10	20 56 8.72	2.979	16 52 50.1	13.940	IV. R.
1008	10	20 56 10.27	2.794	16 2 51.0	13.941	V.
1009	10	20 56 11.64	2.738	19 4 33.7	13.943	(213.)
1010	9	20 56 24.85	2.767	17 30 59.4	13.957	(207.)
1011	9	20 56 31.85	2.769	17 27 18.6	13.964	(207.)
1012	9	20 56 32.70	2.727	19 43 24.3	13.965	VI.
1013	9	20 56 35.22	2.780	16 52 18.7	13.967	VII. R.
1014	10	20 56 44.14	2.785	16 37 27.3	13.977	VIII.
1015	9	20 56 51.35	2.752	18 22 19.0	13.984	(211.)
1016	8. 9	20 57 2.25	2.725	19 48 41.4	13.996	(212.)
1017	9	20 57 20.65	2.778	17 0 48.5	14.015	IX. B.
1018	8. 9	20 57 20.96	2.780	16 54 5.2	14.016	X. Ll. B. R.
1019	9	20 57 28.34	2.753	18 21 14.3	14.023	(211.)
1020	10	20 57 34.56	2.786	16 34 39.0	14.030	(206.)
1021	10	20 57 46.12	2.751	18 32 26.8	14.042	XI.

I. (212) -0.11 +3.1; (213) -0.09 -3.1; (214) -0.01 [+21.2]. **II.** (200) -0.13 +2.8; (202) +0.14 -2.7. **III.** (204) +0.34 -0.9; (206) -0.33 +1.0. **IV.** (205) +0.41 +2.9; (208) [+2.57] -1.0; (300) -0.41 -2.0. **V.** (204) +0.18 -2.0; (206) -0.17 +2.1. **VI.** (214) +0.06 -0.2; (305) +0.05 +0.2. **VII.** (208) +0.01 -0.5; (300) -0.01 +0.5. **VIII.** 206) -0.03 +0.9; (209) +0.04 -0.8. **IX.** (208) -0.55 0.0; (300) +0.56 +0.1. **X.** (205) -0.03 +3.6; (208) +0.03 -0.9; (300) +0.01 -2.7. **XI.** (211) +0.01 +3.8; (213) 0.00 -3.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1022	9	20 57 49.82	+ 2.718	+20 17 19.2	+ 14.046	(305.) B.
1023	8. 9	20 57 58.21	2.770	17 31 0.4	14.054	(207.)
1024	10	20 58 0.82	2.737	19 17 29.9	14.058	I.
1025	10	20 58 11.43	2.793	16 16 7.5	14.068	(206.)
1026	10	20 58 11.65	2.780	16 58 40.4	14.069	II.
1027	8. 9	20 58 20.48	2.771	17 27 46.2	14.078	(207.)
1028	10	20 58 30.11	2.762	17 57 33.1	14.088	(211.)
1029	8. 9	20 58 39.21	2.793	16 17 18.7	14.097	III. Ll. R.
1030	9. 10	20 58 54.65	2.713	15 12 19.6	14.114	IV. Ll.
1031	9	20 59 0.59	2.735	19 26 47.0	14.120	V. R.
1032	9	20 59 8.01	2.712	20 42 24.5	14.127	215.)
1033	9. 10	20 59 15.97	2.728	19 49 9.8	14.135	(305.) B.
1034	10	20 59 21.51	2.774	17 20 52.6	14.142	(208.)
1035	9. 10	20 59 24.29	2.805	15 36 28.7	14.144	(204.)
1036	9	20 59 25.90	2.809	15 23 39.3	14.146	(300.) Ll.
1037	10	20 59 29.82	2.771	17 26 38.6	14.150	(207.)
1038	9	20 59 35.90	2.753	18 32 19.5	14.156	(213.) Ll. B.
1039	10	20 59 38.43	2.765	17 54 32.1	14.158	(211.)
1040	10	21 0 1.11	2.773	17 28 9.1	14.182	VI.
1041	9. 10	21 0 1.40	2.804	15 45 59.2	14.182	VII.
1042	9. 10	21 0 8.51	2.805	15 41 25.1	14.189	VIII.
1043	9	21 0 6.92	2.803	15 46 24.5	14.190	(204.)
1044	10	21 0 13.28	2.743	19 8 12.6	14.194	(213.)
1045	9	21 0 20.18	2.759	18 15 7.1	14.202	(212.) B.
1046	10	21 0 23.44	2.743	19 6 34.1	14.205	(213.) B.
1047	7	21 0 30.37	2.816	15 3 36.8	14.212	(200.) Ll. R.

I. (212) -0.04 -0.2; (214) +0.04 +0.2. II. (205) 0.14 +1.3; (208) +0.06 +0.8; (209) +0.09 -2.1. III. (204) -0.16 +0.7; (300) +0.17 -0.6. IV. (202) -0.08 [+27.6]; (203) +0.08 0.0. V. (212) +0.14 -0.4; (214) +0.19 +1.3; (305) -0.32 -0.8. VI. (205) +0.17 +2.2; (209) -0.01 0.0; (211) -0.15 -2.2. VII. (204) +0.37 +0.3; (205) +0.18 -0.8; (206) -0.31 -1.3; (300) -0.23 +1.7. VIII. (206) +0.55 +1.4. (300) -0.55 -1.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1048	9	21 0 34.74	+ 2.803	+15 46 55.8	+ 14.217	I.
1049	10	21 0 43.73	2.806	15 43 58.9	14.226	(204.)
1050	9	21 0 47.91	2.777	17 18 11.2	14.230	(208.)
1051	10	21 0 58.97	2.748	18 55 26.3	14.242	(213.)
1052	9	21 1 0.97	2.763	18 14 56.2	14.244	(212.) B. R.
1053	9. 10	21 1 5.98	2.792	16 30 9.8	14.249	II.
1054	10	21 1 11.03	2.811	15 22 4.5	14.254	(200.)
1055	9. 10	21 1 19.55	2.777	17 18 59.4	14.263	III. B.
1056	10	21 1 24.73	2.789	16 40 49.2	14.268	(209.)
1057	9	21 1 36.00	2.793	16 31 19.5	14.279	(300.)
1058	9	21 1 39.19	2.818	15 6 34.0	14.282	IV. Ll. R.
1059	9. 10	21 1 40.08	2.816	15 13 10.3	14.263	V. R.
1060	9	21 1 46.40	2.814	15 11 16.8	14.289	(204.) Ll. R.
1061	9. 10	21 1 48.33	2.791	16 38 26.6	14.291	(300.)
1062	9. 10	21 1 58.09	2.781	17 11 33.9	14.302	VI. B.
1063	9	21 2 2.06	2.814	15 11 18.6	14.306	(202.)
1064	9	21 2 13.52	2.797	16 14 48.5	14.318	VII. Ll. R.
1065	10	21 2 30.23	2.748	18 58 42.1	14.434	(212.)
1066	9	21 2 34.97	2.759	18 26 29.0	14.339	(213.) B. R.
1067	9. 10	21 2 44.26	2.811	15 34 12.0	14.348	VIII. Ll.
1068	8	21 2 51.93	2.811	15 33 15.5	14.357	IX. R.
1069	10	21 2 52.48	2.738	19 35 55.0	14.357	(305.)
1070	10	21 3 18.18	2.759	18 27 16.8	14.383	(213.)
1071	10	21 3 24.77	2.754	18 45 37.5	14.390	(212.) B.
1072	9	21 3 25.88	2.729	20 7 55.4	14.391	(305.) B.

I. (205) -0.19 +1.1; (206) +0.20 -1.1. **II.** (206) +0.11 +0.7; (300) -0.10 -0.6. **III.** (208) +0.07 -0.1; (211) -0.07 +0.1. **IV.** (200) -0.16 +4.3; (202) +0.17 -4.2. **V.** (200) +0.47 -0.0; (204) -0.47 —. **VI.** (208) +0.15 +0.5; (211) -0.14 -0.4. **VII.** (205) +0.11 +0.6; (208) -0.11 -0.5. **VIII.** (202) +0.5 +0.1; (203) -0.05 -1.6; (300) [-1.97] +1.6. **IX.** (202) -0.21 [+33.1]; 300 +0.22 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1073	9	21 3 32.53	+ 2.800	+16 13 34.2	+ 14.398	I. Ll. R.
1074	9	21 3 33.35	2.798	16 22 14.1	14.398	II. Ll.
1075	9. 10	21 3 35.38	2.756	18 43 23.2	14.400	(213.) B.
1076	9	21 3 38.38	2.793	16 39 22.0	14.403	III.
1077	8	21 3 38.81	2.745	19 21 4.0	14.404	(214.) Ll. B. R.
1078	9	21 3 50.12	2.810	15 38 41.0	14.416	(300.) R.
1079	9	21 4 6.69	2.817	15 16 10.7	14.433	(204.) R.
1080	9	21 4 15.81	2.804	15 59 35.2	14.442	IV.
1081	10	21 4 22.20	2.816	15 20 22.3	14.448	(204.)
1082	9	21 4 26.07	2.755	18 45 36.4	14.451	(213.)
1083	10	21 4 35.53	2.768	18 7 32.2	14.462	(216.)
1084	9	21 4 51.06	2.757	18 45 39.9	14.478	V. B.
1085	10	21 4 55.51	2.818	15 17 46.3	14.483	(204.)
1086	8	21 4 59.07	2.783	17 16 55.4	14.486	VI.
1087	8	21 5 2.15	2.785	17 9 17.8	14.489	VII. B. R.
1088	10	21 5 26.59	2.758	18 41 46.8	14.514	(213.)
1089	10	21 5 28.03	2.725	20 31 40.7	14.518	(305.)
1090	10	21 5 40.10	2.760	18 40 16.3	14.527	(213.)
1091	9	21 5 51.39	2.816	15 28 1.3	14.538	VIII. Ll.
1092	8. 9	21 6 5.60	2.727	20 27 15.8	14.553	IX. Ll. B.
1093	9	21 6 6.70	2.782	17 22 42.0	14.554	(209.)
1094	9. 10	21 6 14.73	2.723	20 40 34.7	14.562	(216.) R.
1095	9. 10	21 6 15.36	2.759	18 41 21.1	14.562	X.
1096	8. 10	21 6 16.41	2.812	16 18 13.3	14.563	XI. R.

I. (205) -0.20 -2.0; (206) +0.21 +2.1. **II.** (205) -0.15 +0.7; (206) +0.15 -0.7. **III.** (208) +0.07 +2.3; (209) -0.06 -2.2. **IV.** (205) -0.31 +0.6; (300) +0.32 -0.6. **V.** (212) -0.04 -0.8; (213) +0.01 +0.7; (214) +0.03 +0.2. **VI.** (208) +0.16 -0.6; (209) -0.16 +0.7. **VII.** (205) -0.31 +1.8; (206) +0.11 +0.5; (208) +0.11 -4.7; (209) +0.11 +2.3. **VIII.** (204) +0.21 -0.1; (300) -0.21 +0.2. **IX.** (215) -0.10 -1.0; (216) -0.18 +4.3; (305) +0.29 -3.4. **X.** (212) 0.00 +4.0; (213) +0.04 -4.0; (214) -0.04 —. **XI.** (205) +0.12 +1.0; (206) +0.01 +1.1; (208) -0.12 -2.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850.	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1097	7.8	21 6 25.54	+ 2.820	+ 15 22 4.7	+ 14.573	I. Ll. R.
1098	9.10	21 6 30.43	2.744	19 37 29.3	14.577	(305.) B.
1099	9.10	21 6 38.44	2.796	16 41 58.4	14.585	II.
1100	10	21 6 39.08	2.746	19 29 1.7	14.586	(305.)
1101	9	21 6 51.71	2.797	16 37 13.7	14.599	III.
1102	10	21 7 13.43	2.768	18 17 3.9	14.620	IV.
1103	10	21 7 22.56	2.760	18 44 11.8	14.630	V.
1104	9	21 7 24.00	2.790	17 2 11.6	14.631	VI. Ll. B.
1105	9	21 7 25.41	2.819	15 20 8.8	14.632	(300.)
1106	10	21 7 26.93	2.726	20 34 47.6	14.634	(215.) B. R.
1107	10	21 7 27.50	2.749	19 19 10.3	14.634	(305.)
1108	9	21 7 45.95	2.787	17 12 5.1	14.653	(209.) Ll. B. R.
1109	9	21 8 15.29	2.774	17 59 57.8	14.682	(211.) Ll. B.
1110	10	21 8 16.98	2.800	16 39 1.6	14.684	VII.
1111	9.10	21 8 17.52	2.752	19 14 0.5	14.685	VIII. B.
1112	10	21 8 18.27	2.812	15 50 48.5	14.685	(206.)
1113	9	21 8 20.57	2.721	20 58 19.3	14.688	(216.)
1114	9	21 8 35.03	2.764	18 39 40.4	14.702	(213.) B. R.
1115	10	21 8 35.46	2.781	17 42 28.7	14.702	(211.)
1116	8	21 8 41.98	2.808	16 6 42.8	14.709	IX. Ll. B.
1117	9	21 8 41.47	2.768	18 27 51.9	14.703	(212.) R.
1118	8	21 8 58.44	2.756	19 5 31.6	14.725	X. Ll. B. R.
1119	10	21 9 3.18	2.767	18 30 11.3	14.730	(213.)
1120	10	21 9 24.49	2.731	20 31 11.9	14.750	(305.)
1121	9	21 9 51.14	2.764	18 44 19.8	14.777	XI. B.

I. (202) -0.12 -2.5; (204) +0.07 -2.4; (300) +0.06 +4.8. II. (206) +0.04 +2.3; (208) -0.21 -3.5; (209) +0.16 +1.2. III. (206) +0.26 +1.9; (208) -0.26 -1.9. IV. (211) +0.39 +0.1; (212) -0.38 -0.1. V. (213) -0.16 -2.5; (214) +0.16 +2.6. VI. (206) +0.56 +1.5; (300) -0.55 -1.5. VII. (205) +0.20 +4.1; (208) -0.20 -4.1. VIII. (212) +0.29 +2.3; (305) -0.29 -2.3. IX. (205) +0.36 -7.0; (206) -0.36 +7.1; X. (212) -0.11 -3.7; (214) +0.11 +3.8. XI. (212) -0.12 +0.8; (214) +0.12 -0.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1122	10	21 10 4.10	+ 2.807	+16 15 42.5	+ 14.790	I. R.
1123	9	21 10 19.47	2.768	18 31 31.4	14.805	(213.)
1124	10	21 10 25.56	2.789	17 17 29.6	14.811	(211.)
1125	9	21 10 44.54	2.740	20 12 35.1	14.830	(305.) Ll. B.
1126	9	21 10 48.28	2.754	19 22 45.2	14.833	II. B.
1127	9	21 10 49.76	2.769	18 32 8.7	14.835	(212.)
1128	9	21 10 51.12	2.745	19 52 45.7	14.836	III. Ll. B. R.
1129	9	21 10 51.31	2.804	16 30 47.4	14.836	IV.
1130	8. 9	21 10 57.00	2.796	17 0 5.1	14.842	V. Ll.
1131	9	21 11 5.99	2.821	15 31 58.7	14.851	VI.
1132	9	21 11 24.12	2.743	20 3 23.6	14.868	(214.)
1133	8. 9	21 11 25.75	2.794	17 5 35.0	14.870	VII. Ll.
1134	9	21 11 39.84	2.819	15 41 39.2	14.884	(205.)
1135	10	21 11 40.77	2.759	19 12 40.9	14.885	VIII.
1136	10	21 11 41.28	2.831	15 0 41.4	14.885	(200.)
1137	10	21 11 56.33	2.790	17 23 53.6	14.900	(211.)
1138	8	21 12 12.17	2.794	17 11 42.5	14.916	IX. Ll. B. R.
1139	10	21 12 31.01	2.804	16 41 29.1	14.934	(210.)
1140	10	21 12 32.43	2.757	19 24 11.0	14.935	(212.)
1141	8. 9	21 12 33.23	2.792	17 21 39.0	14.936	(211.)
1142	10	21 12 43.52	2.797	17 5 25.6	14.947	(209.) B.
1143	10	21 12 56.49	2.752	19 41 18.6	14.958	(305.)
1144	10	21 13 12.48	2.765	19 3 16.7	14.974	(214.) B.
1145	9	21 13 17.74	2.813	16 10 32.5	14.980	X. Ll. R.
1146	10	21 13 37.77	2.772	18 36 28.4	14.999	(211.)
1147	10	21 13 38.93	2.790	17 36 27.8	15.000	XI. Ll.

I. (206) -0.15 +0.2; (208) -0.14 -0.1. **II.** (214) +0.17 +2.7; (305) -0.16 -2.6. **III.** (214) -0.14 +3.0; (305) +0.14 -3.0. **IV.** (206) +0.10 -0.3; (209) -0.09 +0.3. **V.** (206) +0.29 +1.7; (209) -0.29 -1.6. **VI.** (200) +0.11 +1.1; (202) -0.11 -1.0. **VII.** (206) -0.19 -1.0; (208) +0.25 -3.4; (209) -0.06 +4.5. **VIII.** (212) +0.25 +3.7; (305) -0.24 -3.7. **IX.** (208) -0.14 +1.0; (209) +0.14 -1.0 **X.** (205) -0.18 +1.0; (206) +0.23 +1.3; (208) -0.04 -2.4. **XI.** (209) +0.05 +3.5; (210) -0.04 -3.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ' "	"	° ' "	"	
1148	9	21 13 43.04	+ 2.762	+ 19 12 34.2	+ 15.004	I. B.
1149	10	21 14 15.16	2.796	17 14 6.8	15.034	(210.)
1150	9. 10	21 14 24.34	2.811	16 19 48.5	15.043	(206.)
1151	10	21 14 29.75	2.814	16 7 45.7	15.049	(205.)
1152	8. 9	21 14 30.49	2.807	16 32 33.3	15.050	II. Ll. R.
1153	8. 9	21 14 36.64	2.738	20 40 51.7	15.056	III. B.
1154	10	21 14 47.47	2.812	16 19 55.3	15.066	(206.)
1155	9	21 14 57.91	2.808	16 34 28.4	15.076	IV. Ll.
1156	10	21 15 5.11	2.793	17 26 22.7	15.083	V.
1157	10	21 15 7.29	2.764	19 9 41.5	15.085	VI. B.
1158	10	21 15 7.65	2.816	16 6 23.1	15.086	(205.)
1159	4. 5	21 15 9.26	2.764	19 9 53.8	15.087	VII. Ll. B.
1160	9. 10	21 15 11.02	2.813	16 15 56.1	15.088	(206.)
1161	10	21 15 14.08	2.791	17 34 34.1	15.091	VIII.
1162	9. 10	21 15 14.14	2.793	17 28 17.9	15.091	(211.)
1163	10	21 15 16.88	2.745	20 15 46.7	15.094	(305.)
1164	9. 10	21 15 34.79	2.820	15 55 6.1	15.111	IX.
1165	9	21 15 54.23	2.796	17 25 24.3	15.129	X. Ll.
1166	9	21 16 3.84	2.821	15 51 26.7	15.139	XI. Ll.
1167	10	21 16 28.69	2.805	16 49 47.8	15.163	(210.)
1168	9. 10	21 16 35.99	2.773	18 50 12.7	15.169	(213.)
1169	10	21 16 44.40	2.772	18 52 56.9	15.177	(213.)
1170	9	21 16 48.36	2.760	19 37 17.2	15.181	(212.)
1171	9. 10	21 16 59.69	2.825	15 43 28.3	15.192	XII.

I. (211) +0.04 -0.6; (214) +0.36 +4.2; (305) -0.40 -3.5. **II.** (208) -0.08 -0.3; (209) +0.08 +0.4. **III.** (215) +0.06 -2.4; (216) -0.28 +1.8; (305) +0.21 +0.5. **IV.** (208) +0.22 -0.3; (209) -0.21 +0.3. **V.** (210) +0.29 -2.5; (211) -0.29 +2.6. **VI.** (211) +0 16 [+39.0]; (213) -0.15 0.0. **VII.** (212) -0.05 -0.1; (213) +0.05 -3.2; (214) 0.00 +3.3 **VIII.** (210) +0.19 -3.5; (211) -0.18 +3.5. **IX.** (204) +0.16 -1.7; (205) -0.38 +1.8; (206) +0.23 -0.2. **X.** (208) -0.73 -3.4; (209) +0.74 +3.4. **XI.** (204) -0.67 2.0; (205) -0.12 [-42.2]; (206) +0.80 +2.1. **XII.** (200) -0.04 +0.9; (206) +0.0 -0.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1172	8	21 17 7.39	+ 2.797	+17 25 10.3	+ 15.199	(209.)
1173	9	21 17 36.31	2.836	15 8 17.6	15.226	(202.) Ll.
1174	9	21 17 48.66	2.743	20 37 24.0	15.239	(216.) B. R.
1175	9	21 17 57.32	2.808	16 48 8.4	15.246	(210.)
1176	9. 10	21 18 1.23	2.797	17 29 5.7	15.250	(208.)
1177	9	21 18 8.96	2.832	15 21 36.9	15.258	(200.) Ll.
1178	8	21 18 10.04	2.791	17 49 7.3	15.258	(211.) Ll. B. R.
1179	10	21 18 13.78	2.793	17 40 54.8	15.262	(211.)
1180	9. 10	21 18 14.70	2.743	20 38 24.3	15.263	I. B.
1181	10	21 18 25.47	2.803	17 7 27.6	15.273	II.
1182	9. 10	21 18 34.92	2.820	16 11 49.5	15.282	(205.)
1183	10	21 18 54.36	2.817	16 21 40.7	15.300	III.
1184	8	21 19 6.85	2.799	17 25 6.9	15.313	IV.
1185	6. 7	21 19 28.88	2.778	18 43 40.1	15.334	V. Ll. B. R.
1186	8	21 19 29.27	2.755	20 4 2.7	15.334	(214.)
1187	10	21 19 33.69	2.822	16 6 23.9	15.338	VI.
1188	9	21 19 43.85	2.758	19 58 56.9	15.348	(305.) B.
1189	9	21 19 44.39	2.757	20 3 58.2	15.348	(305.) Ll. B.
1190	10	21 20 1.19	2.832	15 31 44.9	15.364	(202.)
1191	7	21 20 2.37	2.833	15 28 48.4	15.365	VII. R.
1192	10	21 20 3.64	2.826	15 52 11.5	15.366	VIII.
1193	10	21 20 8.04	2.813	16 42 27.5	15.369	(210.)
1194	10	21 20 15.47	2.823	16 4 34.9	15.376	(300.)
1195	9. 10	21 20 16.66	2.829	15 41 42.8	15.378	(205.) Ll. R.
1196	9. 10	21 20 18.54	2.787	18 15 4.2	15.379	IX. B. R.
1197	10	21 20 30.23	2.752	20 20 31.6	15.391	(305.)

I. (216) -0.43 +1.3; (305) +0.44 -1.2. **II.** (206) -0.05 +2.0; (300) +0.06 -2.0. **III.** (205) -0.19 +2.2.; (206) -0.18 -1.2; (300) +0.36 -0.9. **IV.** (208) -0.10 +2.2; (210) +0.11 -2.1. **V.** (212) +0.44 +1.3; (213) -0.43 -1.2. **VI.** (205) +0.03 -0.8; (300) -0.03 +0.8. **VII.** (200) +0.17 +0.9; (202) -0.16 -0.8. **VIII.** (206) -0.19 +0.7; (300) +0.20 -0.6. **IX.** (211) -0.15 -4.4; (212) +0.15 +4.4.

+15° +21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1198	10	21 20 46.49	+ 2.812	+ 16 47 34.4	+ 15.405	I.
1199	10	21 20 46.49	2.829	15 46 57.7	15.405	II.
1200	9. 10	21 20 47.56	2.771	19 17 50.5	15.406	III. B.
1201	9	21 20 51.49	2.774	19 6 53.7	15.411	(213.)
1202	10	21 20 52.22	2.751	20 28 57.3	15.412	(305.)
1203	9	21 20 56.16	2.832	15 31 48.2	15.415	(200.)
1204	8	21 20 56.64	2.768	19 27 33.0	15.416	(214.) B.
1205	10	21 20 58.66	2.791	18 5 58.3	15.417	(211.)
1206	10	21 21 0.03	2.827	15 52 45.8	15.419	(300.)
1207	9. 10	21 21 10.59	2.772	19 13 49.1	15.429	IV. B. R.
1208	9	21 21 12.95	2.791	18 8 1.5	15.430	(211.) R.
1209	10	21 21 43.16	2.802	17 30 37.4	15.458	(208.) R.
1210	10	21 21 43.40	2.833	15 36 27.7	15.458	(200.)
1211	10	21 21 47.24	2.822	16 17 55.6	15.462	(300.)
1212	9	21 21 54.44	2.816	16 41 2.8	15.469	(210.) Ll. R.
1213	8	21 21 58.77	2.806	17 15 9.9	15.473	V. Ll. B. R.
1214	10	21 22 7.21	2.792	18 8 0.5	15.481	(211.) B.
1215	9	21 22 23.57	2.788	18 24 28.4	15.496	(213.)
1216	10	21 22 33.89	2.822	16 22 32.1	15.505	(300.)
1217	10	21 22 37.31	2.790	18 19 24.6	15.508	(210.)
1218	10	21 22 37.38	2.818	16 39 29.5	15.508	(300.)
1219	9	21 22 38.02	2.749	20 49 30.2	15.508	(216.) B.
1220	9	21 22 45.01	2.781	18 55 26.4	15.515	(213.)
1221	9. 10	21 22 59.98	2.758	20 17 34.1	15.530	(305.) Ll. R.
1222	9	21 23 6.93	2.802	17 37 30.5	15.536	VI.
1223	10	21 23 11.37	2.818	16 36 58.8	15.540	VII.
1224	9. 10	21 23 18.98	2.753	20 34 8.4	15.546	VIII.

I. (208) -0.87 -2.1; (209) +0.79 +4.1; (210) +0.08 -1.9. **II.** (205) +0.14 +2.2; (300) -0.13 -2.1. **III.** (212) -0.12 -0.6; (213) -0.07 -2.7; (214) +0.20 +3.2. **IV.** (212) +0.18 +2.5; (213) -0.17 -2.5. **V.** (208) -0.11 -3.0; (209) +0.11 +3.1. **VI.** (209) +0.14 +5.8; (210) +0.21 -1.6; (211) -0.36 -4.1. **VII.** (205) -0.02 +0.3; (300) +0.03 -0.3. **VIII.** (215) -0.08 -2.0; (216) -0.01 +1.9; (305) +0.09 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1225	9.10	21 23 20.04	+ 2.778	+19 5 26.5	+ 15.548	I. B.
1226	10	21 23 20.21	2.780	18 57 40.3	15.548	(213.)
1227	9	21 23 25.61	2.834	15 36 6.9	15.553	(200.)
1228	9	21 23 36.78	2.835	15 32 42.7	15.564	(200.)
1229	9.10	21 23 52.65	2.831	15 54 52.1	15.578	II. Ll. R.
1230	10	21 23 55.89	2.816	16 47 50.8	15.581	III.
1231	10	21 23 59.75	2.824	16 20 48.3	15.585	(206.)
1232	10	21 24 8.14	2.777	19 12 31.8	15.591	(213.) B.
1233	10	21 24 12.89	2.798	17 56 1.6	15.596	IV.
1234	9.10	21 24 17.46	2.832	15 49 35.8	15.600	(204.) Ll.
1235	10	21 24 19.16	2.825	16 15 50.1	15.601	(205.)
1236	9	21 24 26.83	2.755	20 32 50.2	15.609	V. Ll.
1237	10	21 24 34.67	2.835	15 41 32.1	15.616	(200.)
1238	10	21 24 46.83	2.813	17 7 40.7	15.627	(300.)
1239	9	21 24 48.78	2.790	18 27 22.7	15.628	VI. B.
1240	9.10	21 24 54.68	2.753	20 46 8.1	15.635	VII. B.
1241	9	21 24 55.18	2.761	20 19 50.8	15.635	(305.) Ll. B.
1242	9	21 24 55.41	2.803	17 45 10.2	15.635	(209.) B.
1243	10	21 24 57.08	2.836	15 38 38.8	15.637	(200.)
1244	10	21 25 9.52	2.777	19 19 56.8	15.649	(213.)
1245	9	21 25 15.08	2.762	20 15 44.6	15.653	(305.)
1246	9	21 25 21.00	2.828	16 10 10.5	15.659	(204.)
1247	10	21 25 23.11	2.777	19 18 12.6	15.660	(213.)
1248	10	21 25 24.90	2.841	15 18 36.4	15.662	(300.)
1249	10	21 25 25.88	2.812	17 8 46.9	15.663	(300.)
1250	9	21 25 31.06	2.802	17 56 52.1	15.668	(211.) B.
1251	10	21 25 49.13	2.780	19 13 17.3	15.683	(213.)

I. (212) +0.06 +4.1; (213) -0.05 -4.1. II. (204) -0.05 0.0; (206) +0.05 [-32.6]. III. (209) +0.08 +2.8; (300) -0.08 -2.8. IV. (210) +0.25 -3.0; (211) -0.24 +3.1. V. (216) -0.31 +1.7; (305) +0.31 -1.7. VI. (211) -0.30 -0.8; (212) +0.30 +0.9. VII. (216) -0.24 +3.6; (305) +0.24 -3.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1252	9	21 25 59.48	+ 2.816	+16 59 48.6	+ 15.693	(209.) B.
1253	9. 10	21 25 59.57	2.815	17 3 38.0	15.695	(300.) Ll. B.
1254	10	21 26 4.49	2.821	16 41 21.8	15.698	(206.)
1255	8. 9	21 26 26.99	2.752	20 55 7.9	15.719	(216.) Ll. B.
1256	10	21 26 42.41	2.783	19 8 30.2	15.733	(213.)
1257	8	21 26 42.89	2.849	15 1 24.9	15.733	I. Ll. R.
1258	9	21 26 55.11	2.821	16 46 54.4	15.744	II. Ll. B.
1259	10	21 27 17.10	2.788	19 11 27.4	15.764	(213.)
1260	10	21 27 20.39	2.792	18 38 30.7	15.767	(211.)
1261	10	21 27 23.23	2.825	16 30 26.8	15.769	III.
1262	9. 10	21 27 26.19	2.767	20 9 2.8	15.772	(305.)
1263	8	21 27 43.97	2.808	17 39 45.6	15.788	IV. Ll. B.
1264	8	21 27 49.39	2.782	19 19 10.4	15.792	(213.) R.
1265	9	21 28 12.34	2.842	15 31 55.4	15.814	V. Ll.
1266	9	21 28 17.69	2.769	20 5 32.8	15.818	(305.) B.
1267	9	21 28 19.13	2.849	15 5 3.2	15.819	(200.)
1268	9	21 28 28.94	2.798	18 18 3.5	15.828	VI. Ll. B. R.
1269	10	21 28 30.37	2.773	19 52 16.5	15.830	(213.)
1270	9	21 28 45.08	2.823	16 49 50.7	15.843	VII.
1271	9. 10	21 28 49.03	2.846	15 19 23.5	15.846	VIII. Ll.
1272	9	21 28 52.52	2.772	20 3 31.9	15.850	(305.) B.
1273	9	21 28 52.63	2.801	18 15 9.8	15.850	(211.)
1274	9	21 29 11.09	2.799	18 22 11.4	15.867	(212.) B.
1275	9. 10	21 29 11.14	2.839	15 47 22.4	15.867	(206.) R.
1276	10	21 29 11.40	2.840	15 42 51.7	15.867	(206.)
1277	9	21 29 11.71	2.845	15 23 27.2	15.868	IX. Ll.

I. (200) -0.09 +0.1; (202) -0.09 0.0. **II.** (206) -0.01 +0.6; (208) +0.03 -4.3; (209) +0.09 +2.4; (300) -0.12 +1.4. **III.** (204) +0.22 -0.8; (300) -0.21 +0.8. **IV.** (208) 0.00 -0.7; (209) +0.01 +0.7. **V.** (204) +0.34 +1.0; (300) -0.34 -0.9. **VI.** (211) -0.41 -2.5; (212) +0.41 +2.6. **VII.** (206) -0.07 -1.8; (208) -0.05 +2.0; (209) +0.12 -0.1. **VIII.** (202) -0.21 -3.2; (204) +0.22 +0.3; (300) -0.01 +2.9. **IX.** (202) +0.11 +0.9; (204) +0.03 -0.2; (300) -0.15 -1.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1278	8	21 29 26.31	+ 2.851	+15 1 27.7	+ 15.880	I. Ll. R.
1279	10	21 29 40.15	2.768	20 22 53.5	15.893	(305.) R.
1280	10	21 29 41.91	2.799	18 27 3.1	15.895	(211.)
1281	10	21 29 51.51	2.840	15 47 15.3	15.904	(300.)
1282	9	21 30 4.84	2.789	19 6 53.6	15.915	(212.) Ll B. R.
1283	9	21 30 16.10	2.763	20 43 25.1	15.925	(305.)
1284	10	21 30 27.72	2.780	19 37 28.0	15.934	(213.)
1285	8	21 30 30.73	2.779	19 41 45.6	15.938	(215) Ll. B.
1286	10	21 30 33.16	2.796	18 39 48.0	15.939	(211.) B. R.
1287	10	21 30 41.73	2.802	18 22 13.2	15.948	(211.)
1288	7	21 30 44.27	2.797	18 38 45.4	15.949	(211.) Ll. B. R.
1289	9	21 30 54.85	2.841	15 48 14.8	15.959	II.
1290	9	21 30 59.77	2.770	20 21 56.8	15.964	(305.) B. R.
1291	10	21 31 20.55	2.762	20 51 31.9	15.982	(305.)
1292	9.10	21 31 28.48	2.818	17 19 33.9	15.987	III.
1293	9.10	21 31 53.97	2.833	16 27 30.6	16.011	IV.
1294	9.10	21 31 59.85	2.830	16 38 21.6	16.017	V. R.
1295	7	21 32 1.99	2.784	19 35 24.4	16.019	VI. Ll. R.
1296	10	21 32 11.87	2.822	17 11 10.0	16.028	(300.)
1297	9	21 32 19.86	2.767	20 39 29.2	16.034	VII. B.
1298	10	21 32 22.12	2.799	18 39 48.6	16.036	(211.)
1299	9.10	21 32 36.72	2.783	19 44 11.9	16.049	(213.)
1300	9	21 32 36.81	2.821	17 17 38.6	16.049	VIII. Ll. B. R.
1301	9.10	21 32 43.46	2.772	20 28 31.6	16.054	(216.)
1302	9.10	21 32 52.72	2.802	18 33 8.5	16.062	IX. Ll. B. R.
1303	10	21 33 5.41	2.783	19 48 8.4	16.073	(213.)

I. (200) -0.22 -1.4; (202) +0.23 +1.5. II. (204) -0.02 -2.9; (206) +0.02 +2.9. III. (208) -0.13 -1.3; (209) +0.14 +1.4. IV. (204) +0.18 +0.8; (300) -0.18 -0.8. V. (208) +0.22 +2.6; (300) -0.22 -2.5. VI. (212) +0.12 +1.7; (213) -0.11 -1.6. VII. (216) -0.14 0.0; (305) +0.14 +0.1. VIII. (208) -0.11 -0.2; (209) +0.12 +0.2. IX. (211) -0.20 -2.8; (212) +0.20 +2.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1304	10	21 33 12.42	+ 2.769	+20 39 10.6	+ 16.080	(305.)
1305	9. 10	21 33 15.73	2.832	16 37 54.1	16.083	I.
1306	9	21 33 43.02	2.771	20 38 16.6	16.106	(305.)
1307	10	21 33 44.92	2.842	16 0 46.4	16.108	II. R.
1308	9	21 33 49.13	2.810	18 7 17.6	16.111	(211.)
1309	8. 9	21 33 52.07	2.803	18 34 44.0	16.114	III. Ll. B. R.
1310	9	21 34 13.68	2.809	18 11 3.6	16.133	(211.)
1311	10	21 34 20.76	2.844	15 55 29.6	16.139	IV.
1312	9. 10	21 34 21.52	2.846	15 46 56.8	16.140	V.
1313	10	21 34 22.99	2.788	19 33 13.9	16.140	(213.)
1314	9	21 34 32.65	2.811	18 12 33.2	16.149	(211.) B. R.
1315	7. 8	21 34 36.74	2.768	20 55 23.6	16.153	(216.) B. R.
1316	8	21 34 58.43	2.810	18 15 36.4	16.170	VI. Ll. B. R.
1317	10	21 35 8.41	2.795	19 12 50.2	16.179	(213.)
1318	9	21 35 9.45	2.774	20 32 51.7	16.180	(305.) B R.
1319	9. 10	21 35 21.09	2.827	17 9 12.4	16.191	VII. Ll. R.
1320	9. 10	21 35 32.33	2.811	18 18 52.7	16.201	VIII. Ll. B. R.
1321	10	21 35 32.78	2.795	19 17 5.4	16.201	(213.)
1322	10	21 35 34.83	2.840	16 22 27.3	16.203	IX.
1323	10	21 35 47.79	2.853	15 30 27.0	16.214	X.
1324	10	21 36 2.09	2.780	20 18 42.0	16.227	(305.) B.
1325	9	21 36 18.09	2.855	15 20 33.7	16.239	XI.
1326	8. 9	21 36 29.97	2.801	18 57 18.2	16.250	(212.) Ll. B. R.
1327	9	21 36 46.48	2.852	15 35 23.2	16.264	(202.)
1328	9	21 36 54.60	2.798	19 13 58.4	16.271	(213.) B.

I. (204) +0.32 -0.6; (206) -0.19 +2.2; (209) +0.12 +1.0; (300) -0.26 -2.6. **II.** (204) +0.28 -0.3; (300) -0.28 +0.3. **III.** (212) +0.01 +4.0; (213) -0.01 -4.0. **IV.** (204) +0.26 +0.8; (300) -0.26 -0.8. **V.** (204) +0.35 -0.2; (206) -0 02 +0.5; (300) -0.32 -0.2. **VI.** (211) -0.08 -2.1; (212) +0.09 +2.2. **VII.** (208) +0.19 +1.4; (210) -0.01 -0.7; (300) -0.19 -0.6. **VIII.** (211) -0.09 -12.1; (212) +0.10 +12.2. **IX.** (204) +0.34 +1.5; (300) -0.33 -1.5. **X.** (202) +0.14 -0.7; (300) -0.13 +0.7. **XI.** (200) -0.21 -0.9; (204) +0.20 +0.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1329	8	21 36 58.52	+ 2.807	+18 40 11.4	+ 16.274	I. Ll. B.
1330	9	21 37 6.25	2.835	16 48 21.3	16.281	(204.)
1331	8. 9	21 37 12.79	2.808	18 36 43.2	16.286	II. Ll. B. R.
1332	8. 9	21 37 14.71	2.841	16 21 33.9	16.288	III. Ll. R.
1333	6	21 37 24.59	2.837	16 39 49.6	16.297	IV. R.
1334	9. 10	21 37 25.04	2.847	15 56 35.4	16.297	(204.)
1335	9	21 37 36.02	2.787	20 3 56.4	16.306	(305.)
1336	9	21 37 36.72	2.860	15 8 27.9	16.307	(200.)
1337	9	21 37 38.18	2.786	20 9 20.8	16.307	(305.)
1338	10	21 38 9.52	2.847	16 5 26.1	16.335	(300.) R.
1339	9	21 38 14.62	2.784	20 15 53.4	16.339	(305.) B.
1340	9. 10	21 38 17.32	2.806	18 48 48.1	16.341	(213.) B.
1341	10	21 38 25.20	2.845	16 12 10.4	16.348	(300.)
1342	9	21 38 30.35	2.818	18 10 10.8	16.352	V. B.
1343	8	21 38 36.92	2.863	15 4 8.1	16.358	VI.
1344	10	21 38 38.36	2.846	16 11 10.5	16.358	(300.)
1345	10	21 38 38.89	2.863	15 4 9.2	16.359	VII.
1346	9. 10	21 38 39.32	2.834	17 3 59.1	16.359	VIII.
1347	9. 10	21 38 47.42	2.800	19 19 37.6	16.367	(305.)
1348	10	21 38 47.81	2.806	18 55 24.6	16.367	(213.)
1349	9	21 39 1.22	2.823	17 47 2.5	16.379	(210.)
1350	10	21 39 2.58	2.848	16 3 59.4	16.380	(300.) R.
1351	9	21 39 7.83	2.800	19 20 4.7	16.384	IX.
1352	10	21 39 10.68	2.853	15 43 5.9	16.387	(300.)
1353	9	21 39 15.31	2.834	17 2 38.2	16.390	X.

I. (211) -0.27 +1.9; (212) +0.27 -1.9. II. (211) -0.20 +5.3; (213) +0.20 -5.3. III. (206) +0.03 -1.0; (208) +0.01 +1.8; (300) -0.05 -0.7. IV. (208) +0.10 +0.9; (209) -0.03 -0.5; (210) -0.05 -1.3; (300) -0.01 +1.1. V. (210) -0.37 -5.5; (211) -0.05 +2.1; (212) +0.43 +3.5. VI. (200) +0.82 -0.8; (202) -0.82 +0.9. VII. (200) +0.04 +3.5; (202) -0.04 -3.4. VIII. (206) -0.19 -1.6; (208) +0.24 -1.8; (209) -0.04 +3.5. IX. (212) -0.18 +2.1; (305) +0.19 -2.0. X. (206) +0.45 +0.2; (208) -0.15 -1.8; (209) -0.63 +4.7; (210) +0.33 -3.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1354	9. 10	21 39 22.83	+ 2.863	+15 3 4.3	+ 16.395	(200.)
1355	8. 9	21 39 51.35	2.803	19 13 46.8	16.421	I. Ll.
1356	10	21 39 55.60	2.860	15 22 43.7	16.425	(300.)
1357	6. 7	21 39 56.66	2.843	16 30 12.0	16.426	II. Ll. R.
1358	10	21 40 5.11	2.813	18 35 26.9	16.432	(213.) R.
1359	10	21 40 13.30	2.860	15 20 44.6	16.438	III.
1360	10	21 40 16.70	2.835	17 4 37.1	16.442	(210.)
1361	8. 9	21 40 18.87	2.816	18 24 15.3	16.443	(211.) B.
1362	9	21 40 19.78	2.784	20 31 51.1	16.445	(305.) B.
1363	10	21 40 58.85	2.813	18 38 42.9	16.477	(212.) B. R.
1364	9	21 41 2.19	2.786	20 28 15.0	16.480	(305.) B. R.
1365	10	21 41 8.36	2.834	17 14 38.3	16.484	(211.) R.
1366	9. 10	21 41 21.26	2.832	17 24 40.1	16.496	IV.
1367	10	21 41 22.54	2.862	15 20 31.9	16.497	V. R.
1368	9. 10	21 41 23.89	2.828	17 38 51.6	16.498	(211.)
1369	10	21 41 39.39	2.822	18 12 15.8	16.510	(212.)
1370	9	21 41 42.31	2.791	20 15 7.3	16.513	(305.)
1371	9	21 41 45.80	2.798	19 48 28.4	16.516	(213.)
1372	9	21 41 46.27	2.798	19 49 31.5	16.517	(213.) Ll.
1373	9	21 42 9.60	2.841	16 52 36.9	16.536	VI.
1374	7	21 42 10.91	2.867	15 3 51.1	16.537	(202.) Ll. R.
1375	10	21 42 17.24	2 849	16 19 10.8	16.542	VII.
1376	8	21 42 26.68	2.798	19 45 57.6	16.550	VIII. Ll. B. R.
1377	10	21 42 27.39	2.849	16 19 11.1	16.550	(204.)
1378	9	21 42 39.61	2.837	17 14 9.7	16.560	(210.)
1379	10	21 42 47.33	2.812	18 56 14.5	16.566	(213.) B.

I. (212) +0.02 −1.5; (213) −0.09 +2.9; (305) +0.06 −1.3. **II.** (206) +0.12 −1.6; (209) −0.11 +1.5. **III.** (204) +0.53 −1.1; (300) −0.52 +1.1. **IV.** (208) +0.25 +0.4; (209) −0.74 +2.3; (210) +0.48 −2.7. **V.** (202) +0.15 −1.6; (204) −0.21 +3.4; (300) +0.05 −1.9 **VI.** (208) +0.09 +3.4; (209) −0.01 +2.6; (210) +0.13 −1.3; (300) −0.22 −4.6. **VII.** (204) +0.15 +0.3.; (300) −0.15 −0.2. **VIII.** (213) +0.07 +0.3; (305) −0.06 −0.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1380	9	21 42 56.47	+ 2.841	+16 55 24.2	+ 16.574	I.
1381	7	21 43 0.59	2.846	16 35 27.8	16.578	II. Ll. R.
1382	10	21 43 1.20	2.837	17 15 41.0	16.578	(210.)
1383	8	21 43 5.10	2.815	18 43 31.4	16.581	III. Ll. B. R.
1384	9. 10	21 43 7.27	2.835	17 23 30.7	16.583	(211.)
1385	10	21 43 9.47	2.815	18 44 17.1	16.584	(212.) B. R.
1386	10	21 43 27.31	2.799	19 50 32.0	16.599	(305.)
1387	8. 9	21 43 59.83	2.869	15 3 18.1	16.626	(202.)
1388	9. 10	21 44 15.66	2.828	17 57 4.5	16.639	(210.) B.
1389	9	21 44 15.68	2.869	15 6 49.6	16.639	(202.)
1390	10	21 44 16.09	2.865	15 23 57.8	16.639	(204.)
1391	10	21 44 21.69	2.789	20 40 8.8	16.644	(305.) R.
1392	10	21 44 28.06	2.866	15 17 50.8	16.648	(204.)
1393	5	21 44 31.83	2.813	19 7 29.8	16.652	(212.) Ll. B.
1394	10	21 44 33.99	2.841	17 10 27.2	16.653	IV. B. R.
1395	8. 9	21 44 37.17	2.820	18 36 24.6	16.656	V. Ll. B. R.
1396	9	21 44 42.08	2.851	16 26 45.1	16.660	VI.
1397	10	21 44 56.19	2.864	15 31 26.6	16.672	(202.)
1398	10	21 45 11.29	2.810	19 20 53.1	16.684	(212.)
1399	10	21 45 18.44	2.810	19 18 47.9	16.689	(212.)
1400	10	21 45 39.58	2.844	17 2 53.5	16.707	VII.
1401	10	21 45 41.88	2.836	17 35 20.6	16.709	(210.)
1402	8	21 45 46.96	2.869	15 13 41.0	16.713	(204.) Ll.
1403	9	21 45 54.41	2.834	17 44 48.8	16.718	(210.)
1404	9	21 45 56.77	2.842	17 12 0.4	16.721	VIII. Ll. R.
1405	10	21 46 14.61	2.854	16 22 24.7	16.735	(300.)
1406	8. 9	21 46 33.27	2.826	18 27 14.1	16.749	(211.) B.

I. (208) +0.09 +0.6; (209) -0.17 +2.5; (210) +0.08 -3.1 II. (206) +0.12 +0.6; (208) +0.17 -1.1; (209) -0.29 +0.4. III. (212) 0.09 +0.7; (213) +0.10 -0.6. IV. (208) +0.33 +0.6; (209) -0.07 +0.1; (210) -0.27 -0.6. V. (211) -0.16 +1.7; (213) +0.16 -1.7. VI. (206) +0.33 +1.7; (300) -0.33 -1.7. VII. (206) -0.02 +0.1; (300) +0.02 0.0. VIII. (208) +0.15 -3.7; (209) +0.02 -0.9; (211) -0.16 +4.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1407	8	21 46 37.50	+ 2.808	+19 41 34.3	+ 16.753	(213.) R.
1408	10	21 46 40.23	2.869	15 23 15.5	16.755	(300.)
1409	10	21 46 45.48	2.807	19 44 2.1	16.759	(213.)
1410	9. 10	21 46 57.19	2.841	17 22 4.1	16.769	I. R.
1411	9	21 46 58.40	2.837	17 41 47.5	16.769	II.
1412	10	21 47 0.14	2.842	17 21 2.8	16.771	(208.) R.
1413	9	21 47 0.18	2.848	16 51 5.2	16.771	(210.)
1414	9	21 47 8.44	2.837	17 41 55.0	16.777	III.
1415	9	21 47 10.39	2.842	17 19 6.2	16.779	IV. R.
1416	8. 9	21 47 14.46	2.818	19 0 42.4	16.782	(213.) Ll. B.
1417	10	21 47 16.47	2.818	19 0 38.7	16.784	(213.)
1418	8 9	21 47 21.34	2.807	19 45 58.6	16.788	(213.) B. R.
1419	10	21 47 22.36	2.869	15 22 14.3	16.789	V.
1420	10	21 47 55.14	2.869	15 23 31.8	16.815	(300.)
1421	9	21 48 8.08	2.844	17 17 46.9	16.825	VI. Ll. R.
1422	10	21 48 17.92	2.814	19 27 38.6	16.833	(213.) B.
1423	10	21 48 29.95	2.845	17 11 40.3	16.842	(210.)
1424	10	21 48 33.91	2.858	16 24 2.7	16.845	VII. R.
1425	9. 10	21 48 34.25	2.863	16 0 16.0	16.845	VIII.
1426	9	21 49 5.61	2.817	19 19 44.3	16.871	(213.) B.
1427	10	21 49 17.94	2.853	16 41 42.0	16.880	(300.)
1428	7	21 49 23.22	2.799	20 31 44.4	16.884	(216.) Ll. B. R.
1429	10	21 49 29.30	2.871	15 24 48.0	16.889	(204.) R.
1430	8	21 49 34.97	2.803	20 26 57.2	16.894	(216.) Ll. R.
1431	9. 10	21 49 42.26	2.866	15 53 57.0	16.900	(206.)
1432	9. 10	21 49 44.74	2.855	16 43 44.1	16.902	(300.) Ll.

I. (208) -0.06 +0.3; (210) +0.07 -0.2. **II.** (209) +0.11 -3.2; (211) -0.11 +3.3. **III.** (209) +0.20 -4.9; (211) -0.20 +4.9. **IV.** (208) +0.08 +0.9; (210) -0.07 -0.9. **V.** (202) +0.01 -1.2; (300) -0.01 +1.3. **VI.** (209) -0.03 -0.4; (210) +0.02 -1.4; (211) +0.02 +1.8. **VII.** (204) -0.36 -1.7; (208) +0.19 +4.0; (300) +0.07 -2.3. **VIII.** (206) +0.16 +1.1; (300) -0.16 -1.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1433	9	21 49 54.22	+ 2.851	+16 58 13.9	+ 16.908	I. Ll. R.
1434	9	21 49 57.23	2.866	15 53 23.2	16.908	(206.)
1435	10	21 50 7.45	2.850	17 3 37.2	16.919	II.
1436	9. 10	21 50 10.93	2.850	17 3 2.8	16.922	III.
1437	9	21 50 36.67	2.817	19 35 23.2	16.942	(215.) Ll. B. R.
1438	9	21 50 37.68	2.877	15 9 52.7	16.942	(202.)
1439	10	21 50 40.08	2.817	19 31 40.8	16.944	(213.) R.
1440	9. 10	21 50 49.85	2.859	16 28 8.2	16.948	IV.
1441	10	21 51 6.35	2.856	16 42 44.5	16.965	(300.)
1442	10	21 51 6.48	2.859	16 30 45.6	16.965	(206.)
1443	7. 8	21 51 52.62	2.836	18 18 28.2	17.001	(211.) B. R.
1444	9	21 52 11.44	2.839	18 4 37.3	17.016	(209)
1445	9	21 52 11.48	2.862	16 24 38.6	17.016	V. Ll. R.
1446	10	21 52 14.66	2.859	16 36 14.6	17.019	(300.) R.
1447	10	21 52 28.29	2.832	18 36 6.6	17.028	VI. B.
1448	10	21 52 28.90	2.876	15 19 29.5	17.029	(202.)
1449	10	21 53 1.62	2.839	18 11 24.2	17.055	(211.)
1450	10	21 53 5.67	2.865	16 16 2.2	17.058	(300.)
1451	9	21 53 7.46	2.826	19 11 34.2	17.059	(213.) B.
1452	10	21 53 9.00	2.824	19 19 17.5	17.060	(300.)
1453	9	21 53 31.01	2.881	15 10 53.4	17.077	(202.)
1454	10	21 53 48.62	2.881	15 10 9.8	17.091	(202.)
1455	9	21 53 50.84	2.836	18 33 42.5	17.092	(211.) B.
1456	10	21 53 53.70	2.862	16 36 12.0	17.094	(300.)
1457	9. 10	21 53 58.91	2.832	18 49 15.0	17.098	(213.) R.
1458	9. 10	21 54 3.34	2.846	17 51 16.9	17.101	(210.) B.
1459	10	21 54 26.38	2.857	17 0 17.6	17.119	(300.)

I. (208) +0.25 +1.8; (209) +0.18 -1.3; (210) -0.25 -1.2; (300) -0.16 +0.6. **II.** (208) -0.12 +0.6; (210) +0.12 -0.5. **III.** (208) +0.22 +2.5; (210) -0.13 -0.5; (300) -0.09 -2.1. **IV.** (206) -4.69 +1.2; (300) +4.69 -1.1. **V.** (206) -0.08 +1.2; (208) +0.05 -0.9; (300) +0.02 -0.3. **VI.** (211) -0.18 +0.3; (213) +0.18 -0.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1460	9. 10	21 54 28.66	+ 2.882	+15 5 12.9	+ 17.121	(202.)
1461	10	21 55 13.79	2.837	18 37 58.2	17.155	I. B.
1462	9	21 55 13.80	2.844	18 6 39.6	17.155	(210.) B. R.
1463	10	21 55 14.20	2.822	19 44 33.0	17.155	(213.) R.
1464	9	21 55 23.63	2.849	17 43 18.1	17.163	(209.) Ll. R.
1465	10	21 55 26.04	2.821	19 49 4.1	17.165	(213.) B.
1466	10	21 55 32.23	2.852	17 34 56.5	17.169	II. Ll.
1467	9	21 55 32.26	2.851	17 32 31.0	17.169	(208.)
1468	7	21 55 42.03	2.885	15 3 36.5	17.177	(202.) Ll. R.
1469	9	21 56 3.40	2.845	18 9 47.4	17.192	III. B. R.
1470	10	21 56 42.02	2.841	18 33 39.1	17.222	IV.
1471	9	21 57 13.34	2.828	19 32 43.0	17.244	V. B.
1472	9	21 57 21.78	2.817	20 19 36.8	17.252	(305.) B.
1473	9	21 57 44.23	2.866	16 45 12.8	17.268	VI. R.
1474	9	21 57 49.56	2.817	20 31 48.7	17.272	(305.)
1475	8. 9	21 57 53.69	2.819	20 20 7.8	17.275	(305.) B. R.
1476	10	21 58 4.90	2.840	18 47 59.7	17.284	VII. B.
1477	9	21 58 6.86	2.841	18 41 15.3	17.286	VIII. B.
1478	10	21 58 19.65	2.852	17 52 32.0	17.295	(211.)
1479	9	21 58 19.95	2.886	15 14 50.2	17.295	(202.)
1480	8. 9	21 58 22.73	2.866	16 47 6.9	17.297	IX. Ll. R.
1481	9. 10	21 58 51.57	2.864	17 4 10.2	17.319	X. B.
1482	9	21 58 59.09	2.820	20 21 42.1	17.324	(305.)
1483	9	21 59 30.14	2.891	15 1 10.6	17.346	XI. R.

I. (211) -0.43 -1.8; (212) +0.43 +1.9. II. (208) -0.17 +0.7; (210) +0.17 -0.7. III. (211) -0.25 +2.9; (212) +0.25 -2.8. IV. (211) -0.19 +4.0; (212) +0.20 -4.0. V. (212) -0.08 -0.5; (213) -0.01 +0.2; (305) +0.10 +0.3. VI. (206) +0.09 +0.7; (208) -0.05 -2.2; (209) +0.05 +1.6; (210) -0.07 -0.1. VII. (212) +0.03 -0.9; (213) -0.03 +0.9. VIII. (212) -0.05 +1.6; (213) +0.06 -1.5. IX. (206) -0.03 +0.4; (208) +0.17 -0.7; (209) -0.16 +0.4; (210) +0.02 -0.2. X. (206) -0.07 +2.9; (210) +0.07 -2.9. XI. (202) +0.01 —; (204) -0.01 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1484	10	21 59 40.75	+ 2.867	+16 53 25.9	+ 17.354	I.
1485	9	21 59 43.91	2.823	20 16 41.1	17.356	(305.) B.
1486	9	21 59 52.32	2.858	17 35 22.1	17.363	II. R.
1487	9	22 0 4.50	2.866	16 59 5.6	17.370	(206.) B.
1488	9. 10	22 0 6.24	2.820	20 31 29.5	17.372	III.
1489	9. 10	22 0 16.21	2.868	16 52 47.8	17.379	IV. B.
1490	8	22 0 19.70	2.863	17 16 18.5	17.383	V. Ll. B. R.
1491	7. 8	22 0 20.33	2.844	18 44 35.9	17.383	VI. Ll. R.
1492	7	22 0 47.94	2.816	20 58 28.0	17.402	VII. Ll. B. R.
1493	8	22 0 57.90	2.870	16 49 37.7	17.410	VIII.
1494	9	22 1 53.84	2.860	17 45 17.8	17.450	IX. B.
1495	9	22 1 59.11	2.892	15 13 40.9	17.453	(204.)
1496	9. 10	22 2 0.02	2.853	18 15 55.0	17.455	(211.) B.
1497	9	22 2 47.05	2.858	18 2 57.4	17.487	(210.)
1498	9	22 2 51.82	2.828	20 24 33.4	17.492	(305.) Ll.
1499	10	22 2 51.94	2.856	18 9 28.1	17.492	(210.)
1500	9	22 2 56.53	2.883	16 2 47.8	17.495	X. R.
1501	8. 9	22 3 10.55	2.848	18 53 2.7	17.506	XI. Ll. B.
1502	8	22 3 13.19	2.858	18 3 45.8	17.507	XII.
1503	8. 9	22 3 14.41	2.883	15 58 22.2	17.507	XIII. Ll. R.
1504	9	22 3 22.27	2.847	18 52 13.1	17.513	XIV. Ll. B.
1505	7	22 3 25.26	2.830	20 14 32.8	17.515	(305.) Ll.
1506	10	22 3 54.61	2.867	17 28 34.2	17.536	(211.)
1507	9. 10	22 3 58.37	2.847	19 2 6.6	17.538	(212.) B.

I. (206) +0.05 +2.9; (210) -0.05 -2.8. II. (208) +0.01 +0.6; (209) -0.08 -4.9; (211) +0.06 +4.4. III. (216) -0.03 +1.4; (305) +0.03 -1.4. IV. (206) +0.25 +4.9; (208) +0.05 -2.0; (209) -0.24 +0.3; (210) -0.05 -3.0. V. (208) +0.17 +1.7; (209) -0.05 -2.7; (211) -0.12 +0.9. VI. (212) +0.28 0.0; (213) -0.27 [-34.1]. VII. (216) -0.28 +1.1; (217) +0.18 -0.1; (218) -0.01 -1.0; (305) +0.13 +0.2. VIII. (206) -0.08 +0.5; (208) +0.09 +1.1; (209) +0.08 +1.1; (210) -0.08 -2.6. IX. (210) +0.07 -3.0; (211) -0.06 +3.0. X. (204) -0.03 -0.9; (206) +0.03 +0.9. XI. (212) +0.11 1.4; (213) -0.10 +1.4. XII. (210) -0.06 -4.1; (211) +0.07 +4.1. XIII. (204) -0.08 -0.3; (206) +0.09 +0.4. XIV. (212) +0.10 -3.0; (213) -0.10 +3.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1508	9	22 4 2.72	+ 2.872	+17 0 9.3	+ 17.541	I. R.
1509	10	22 4 13.09	2.846	19 4 48.0	17.549	(212.) B.
1510	10	22 4 15.19	2.868	17 21 10.0	17.550	(211.)
1511	9. 10	22 4 17.81	2.838	19 45 52.9	17.552	(305.) R.
1512	9	22 4 17.88	2.875	16 46 55.9	17.552	II. R.
1513	10	22 4 25.50	2.873	16 30 24.6	17.557	(206.)
1514	9	22 4 28.07	2.861	17 55 16.7	17.559	(210.) R.
1515	10	22 4 31.55	2.824	20 53 39.8	17.562	(216.) B.
1516	7. 8	22 4 36.81	2.894	15 19 11.0	17.565	(204.) Ll. R.
1517	10	22 5 16.00	2.852	18 43 18.8	17.593	(213.)
1518	9	22 5 24.19	2.881	16 26 49.0	17.598	III. R.
1519	10	22 5 24.70	2.862	17 59 24.6	17.599	(210.)
1520	10	22 5 27.68	2.862	18 0 55.2	17.601	(210.)
1521	8	22 5 59.25	2.869	17 32 29.1	17.622	IV. Ll.
1522	10	22 6 5.82	2.872	16 27 3.4	17.628	(206.)
1523	10	22 6 20.94	2.834	20 23 13.0	17.639	(305.) B.
1524	9	22 6 28.71	2.861	18 9 46.6	17.643	V. B. R.
1525	8	22 6 34.31	2.836	20 18 28.8	17.647	(305.) B. R.
1526	9. 10	22 6 36.37	2.848	19 22 46.5	17.649	(213.)
1527	9. 10	22 6 38.01	2.847	19 27 33.2	17.650	VI. R.
1528	10	22 6 52.08	2.872	17 22 50.5	17.660	(210.)
1529	10	22 6 58.61	2.842	19 49 3.6	17.664	VII.
1530	7. 8	22 7 6.22	2.884	16 27 2.5	17.670	VIII. R.
1531	9	22 7 8.55	2.874	17 16 41.4	17.671	IX. Ll. B. R.
1532	8	22 7 55.41	2.836	20 32 10.1	17.703	(305.) Ll. B. R.
1533	8. 9	22 8 15.66	2.868	17 51 33.3	17.718	X. Ll. B.

I. (208) +0.24 -1.7; (209) -0.23 +1.7. **II.** (208) -0.04 -0.2; (209) +0.04 +0.3. **III.** (206) -0.09 -1.1; (208) +0.09 +1.1. **IV.** (208) +0.03 -2.9; (209) +0.03 +1.2; (211) -0.05 +1.6. **V.** (211) +0.11 +3.6; (212) -0.11 -3.5. **VI.** (212) -0.29 +1.7; (213) +0.30 -1.7. **VII.** (213) +0.34 -3.9; (305) -0.33 +3.9. **VIII.** (204) -0.04 +1.1; (206) +0.01 +1.0; (208) +0.04 -2.2. **IX.** (208) +0.16 +0.9; (209) -0.02 -1.2; (211) -0.14 +0.4. **X.** (209) +0.20 -1.0; (210) +0.05 -2.6; (211) -0.24 +3.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1534	9	22 8 21.98	+ 2.888	+16 12 14.7	+ 17.722	(208.)
1535	10	22 8 48.70	2.859	18 45 28.7	17.739	(212.)
1536	9. 10	22 8 49.85	2.870	17 49 34.6	17.741	I. B. R.
1537	10	22 8 54.96	2.878	17 9 41.7	17.744	(210.)
1538	10	22 9 6.77	2.883	16 44 54.1	17.752	(206.)
1539	10	22 9 11.46	2.846	19 49 59.9	17.756	(213.)
1540	9. 10	22 9 12.13	2.833	20 54 49.2	17.756	II. B.
1541	10	22 9 13.26	2.879	17 9 2.6	17.757	(210.)
1542	10	22 10 0.82	2.858	18 59 39.3	17.790	(212.)
1543	10	22 10 0.92	2.886	16 40 36.9	17.790	(206.)
1544	9	22 10 8.52	2.837	20 41 33.8	17.794	(305.) B. R.
1545	10	22 10 21.48	2.870	18 1 52.8	17.803	(210.)
1546	9	22 10 26.36	2.837	20 45 58.6	17.806	(305.)
1547	9	22 10 27.50	2.886	16 40 8.0	17.806	III.
1548	9	22 10 42.64	2.855	19 21 32.9	17.818	IV.
1549	9	22 10 48.73	2.868	18 17 27.6	17.821	(211.) Ll. R.
1550	8	22 10 50.13	2.901	15 28 32.5	17.822	(204.) R.
1551	10	22 10 57.64	2.836	20 56 39.4	17.827	(305.)
1552	9	22 10 58.91	2.891	16 19 32.2	17.827	(208.)
1553	9	22 10 58.89	2.875	17 40 33.1	17.827	(211.) R.
1554	9	22 10 59.09	2.876	17 34 59.5	17.827	(209.)
1555	9. 10	22 11 35.81	2.879	18 32 13.7	17.853	(212.)
1556	8	22 11 37.21	2.859	19 12 53.3	17.853	V. Ll. B. R.
1557	9. 10	22 11 45.11	2.839	20 52 26.3	17.859	(305.)
1558	9	22 11 51.63	2.874	17 54 21.2	17.863	(211.) R.
1559	9	22 11 59.35	2.881	17 19 46.9	17.867	VI. R.
1560	9. 10	22 12 4.09	2.861	19 3 2.6	17.871	VII. B.

I. (210) +0.25 -3.5; (211) -0.25 +3.5. II. (216) -0.13 -1.7; (217) +0.25 +1.2; (305) -0.13 +0.6. III. (206) 0.00 -1.2; (208) +0.01 +1.2. IV. (212) -0.25 +1.7; (213) +0.26 -1.6. V. (212) +0.12 +1.5; (213) -0.12 -1.5. VI. (208) +0.04 +0.7; (210) +0.03 -3.3; (211) -0.08 +2.6. VII. (212) -0.04 +0.9; (213) +0.04 -0.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850.	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1561	8. 9	22 12 24.49	+ 2.903	+ 15 24 42.1	+ 17.884	(204.)
1562	8	22 12 27.44	2.847	20 16 28.0	17.886	(305.) Ll. B. R.
1563	9	22 12 28.77	2.845	20 22 3.4	17.887	(305.) R.
1564	9	22 12 49.23	2.875	17 57 25.3	17.900	(210.)
1565	10	22 13 13.96	2.881	16 38 52.0	17.916	(206.)
1566	9	22 13 15.05	2.840	20 55 45.9	17.917	(305.)
1567	9. 10	22 13 34.13	2.867	18 47 19.8	17.929	(212.) B.
1568	10	22 13 40.44	2.859	20 23 24.8	17.934	(305.)
1569	9	22 13 57.88	2.886	17 13 5.1	1 .945	I. Ll. B. R.
1570	10	22 14 4.79	2.901	15 52 54.3	17.950	(206.)
1571	10	22 14 8.60	2.901	15 50 45.9	17.952	(206.)
1572	8	22 14 18.66	2.850	20 17 40.5	17.958	(305.) Ll. B. R.
1573	9	22 14 36.34	2.852	20 14 17.8	17.970	(305.) B.
1574	9	22 15 12.29	2.846	20 45 47.6	17.993	(305.)
1575	10	22 15 27.53	2.893	16 41 20.6	18.003	(206.)
1576	9	22 15 42.39	2.877	18 17 11.4	18.013	II. Ll. R.
1577	9. 10	22 15 49.36	2.870	18 50 11.8	18.017	(213.)
1578	10	22 16 9.72	2.895	16 47 37.9	18.031	(206.)
1579	8. 9	22 16 13.37	2.894	16 54 0.0	18.033	III. Ll. R.
1580	8	22 16 25.26	2.856	20 6 27.2	18.041	(305.) Ll. B. R.
1581	8	22 16 26.99	2.856	20 5 28.1	18.042	(305.) Ll. B. R.
1582	9	22 16 29.05	2.876	18 25 58.2	18.043	IV. Ll. B. R.
1583	10	22 16 30.88	2.889	17 16 38.4	18.045	V. B.
1584	9. 10	22 16 57.03	2.901	16 15 35.2	18.061	(208.)
1585	9	22 17 8.11	2.910	15 30 19.6	18.068	(204.) Ll. R.
1586	9	22 17 23.13	2.865	19 31 10.3	18.078	VI. B.
1587	9	22 17 31.81	2.881	18 6 20.7	18.083	VII. Ll.

I. (208) -0.02 -2.5; (211) +0.03 +2.5. II. (211) -0.19 0.0; (212) +0.19 0.0. III. (208) -0.03 +2.9; (209) +0.04 -2.9. IV. (211) -0.22 +1.8; (212) -0.04 -1.8; (213) +0.26 0.0. V. (208) -0.23 -1.2; (209) +0.24 +1.3. VI. (212) 0.00 +0.5; (305) +0.01 -0.4. VII. (210) +0.01 +4.4; (211) 0.00 -4.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1588	10	22 17 32.68	+ 2.877	+18 28 6.5	+ 18.084	(213.) B
1589	9	22 17 39.27	2.894	17 0 16.1	18.087	(206.)
1590	9	22 17 39.32	2.895	16 55 16.3	18.087	(209.)
1591	9. 10	22 17 40.30	2.853	20 44 18.0	18.088	(305.)
1592	9	22 18 1.91	2.869	19 19 38.5	18.103	(212.) B.
1593	9	22 18 15.20	2.906	16 1 20.9	18.110	(206.)
1594	9	22 18 22.41	2.868	19 22 32.7	18.115	I. B.
1595	8	22 18 26.57	2.887	17 40 56.1	18.118	II. Ll. B. R.
1596	10	22 18 26.84	2.906	15 55 50.4	18.118	(208.)
1597	9	22 18 31.99	2.858	20 27 24.1	18.121	(305.)
1598	9	22 18 54.32	2.859	20 20 10.6	18.135	(305.) B.
1599	9. 10	22 18 55.63	2.893	17 17 10.3	18.137	III. B.
1600	9	22 19 9.32	2.859	20 19 52.1	18.144	(305.) B.
1601	10	22 19 16.61	2.878	18 39 9.2	18.149	(213.)
1602	9	22 19 18.75	2.868	19 32 4.4	18.150	(212.) B.
1603	9. 10	22 19 36.53	2.874	19 11 58.2	18.161	IV. B.
1604	9	22 19 40.31	2.900	16 45 37.2	18.163	(210.)
1605	9. 10	22 19 43.74	2.911	15 25 0.0	18.165	V.
1606	9	22 19 58.23	2.858	20 37 10.2	18.175	(305.) R.
1607	10	22 20 28.45	2.911	15 44 30.2	18.193	(206.)
1608	9. 10	22 20 31.55	2.868	19 51 41.4	18.195	VI.
1609	9	22 20 37.93	2.867	19 54 42.2	18.199	VII. B.
1610	8	22 20 40.08	2.904	16 30 0.1	18.200	(208.)
1611	10	22 20 50.19	2.890	17 51 16.5	18.206	(210.)
1612	8. 9	22 20 54.99	2.905	16 29 59.4	18.209	VIII. Ll. R. } Doppelst.
1613	10	22 20 55.58	2.905	16 29 56.8	18.210	IX. Ll. R. } Doppelst.
1614	9	22 20 57.27	2.882	18 40 59.2	18.210	(212.)

I. (212) -0.06 +3.0; (213) +0.07 -2.9. II. (209) +0.02 -1.2; (210) -0.03 -2.6; (211) 0.00 +3.8. III. (208) +0.07 +0.1; (209) -0.07 0.0. IV. (212) -0.13 -0.1; (213) +0.13 +0.2. V. (204) -0.13 -0.8; (206) +0.13 +0.8. VI. (213) -0.11 +0.5; (305) +0.12 -0.4. VII. (213) -0.41 -2.0; (305) +0.41 +2.0. VIII. (204) +0.16 -0.8; (206) +0.03 -1.2; (209) -0.20 +2.1. IX. (206) +0.04 +1.4; (209) -0.08 -1.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1615	10	22 21 3.55	+ 2.882	+18 36 13.1	+ 18.214	(212.) B.
1616	9	22 21 17.45	2.860	20 37 49.4	18.222	(305.) Ll. B. R.
1617	9	22 21 30.28	2.872	19 33 48.4	18.230	(213.)
1618	10	22 21 31.41	2.896	17 27 10.4	18.231	(210.) R.
1619	9	22 21 32.25	2.907	16 22 4.1	18.231	I. Ll. R.
1620	10	22 21 53.73	2.897	17 25 38.1	18.244	(210.)
1621	8	22 21 56.84	2.862	20 37 43.5	18.246	(305.) Ll. B. R.
1622	9	22 22 25.38	2.911	16 6 16.9	18.263	(204.)
1623	9	22 22 30.10	2.874	19 33 47.6	18.266	II. B
1624	9	22 22 41.08	2.912	16 6 29.6	18.273	(204.)
1625	10	22 23 7.54	2.899	17 23 50.1	18.289	(210.)
1626	8	22 23 13.10	2.921	15 15 5.1	18.292	(204.) Ll. R.
1627	10	22 23 21.53	2.901	17 8 26.8	18.297	(206.)
1628	9	22 23 22.43	2.899	17 22 13.7	18.297	III. B. R.
1629	9	22 23 26.17	2.901	17 12 24.9	18.300	IV. Ll. B. R.
1630	10	22 23 27.79	2.910	16 20 0.2	18.301	(206.)
1631	9	22 23 35.83	2.870	20 14 45.3	18.306	(305.) B.
1632	10	22 24 5.89	2.907	16 44 51.3	18.324	(210.)
1633	9	22 24 6.75	2.869	20 23 1.9	18.324	(305.)
1634	9	22 24 37.24	2.917	15 53 3.7	18.341	(204.)
1635	9	22 25 12.57	2.907	16 54 30.1	18.363	V. R.
1636	8	22 25 13.44	2.887	18 51 3.8	18.363	(212.) Ll.
1637	10	22 25 15.69	2.878	19 34 11.8	18.365	(213.) B. R.
1638	8	22 25 20.85	2.880	19 27 33.2	18.367	VI. R.
1639	10	22 25 54.21	2.906	17 9 4.6	18.386	(209.)
1640	9	22 25 55.39	2.909	16 48 55.4	18.387	VII. R.
1641	8	22 25 55.55	2.907	17 0 50.0	18.388	VIII. Ll. B.

I. (204) -0.27 -2.3; (208) +0.28 +2.4. **II.** (212) +0.38 -2.5; (305) -0.38 +2.5. **III.** (210) +0.02 0.0; (211) -0.01 [-31.4]. **IV.** (209) +0.04 -6.2; (211) -0.03 +6.2. **V.** (206) +0.38 +1.4; (208) +0.05 +1.9; (210) -0.43 -3.3. **VI.** (212) +0.16 [+32.8]; (213) -0.15 0.0. **VII.** (206) +0.05 +1.9; (210) -0.05 -1.9. **VIII.** (208) -0.01 -1.0; (209) +0.02 +1.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1642	10	22 25 56.27	+ 2.910	+16 45 57.7	+ 18.388	I. R.
1643	7	22 26 9.60	2.926	15 9 57.0	18.396	(204.) Ll. R.
1644	9. 10	22 26 31.39	2.908	17 5 1.1	18.408	II. B.
1645	8	22 26 46.70	2.927	15 15 7.0	18.417	(204.) R.
1646	9. 10	22 26 57.65	2.909	16 57 52.2	18.424	III.
1647	8	22 27 13.63	2.927	15 17 16.0	18.433	(204.) R.
1648	10	22 27 14.47	2.909	17 0 54.9	18.433	IV.
1649	9	22 27 28.19	2.887	19 12 11.0	18.441	V. R.
1650	9	22 27 37.58	2.906	17 26 51.7	18.447	(211.) B.
1651	10	22 27 54.84	2.889	19 12 56.8	18.457	VI. B.
1652	10	22 27 57.03	2.928	15 15 32.8	18.458	(204.)
1653	10	22 28 13.14	2.918	16 19 30.6	18.468	(206.)
1654	10	22 28 20.71	2.904	17 39 58.9	18.472	(210.)
1655	10	22 28 29.92	2.909	17 8 34.5	18.477	(208.)
1656	9	22 28 32.80	2.893	18 56 30.9	13.479	VII. Ll. B. R.
1657	8	22 28 35.82	2.886	19 30 11.2	18.481	(213.) Ll. R.
1658	9	22 28 58.80	2.873	20 55 36.3	18.493	VIII. R.
1659	9. 10	22 29 0.14	2.921	16 11 38.6	18.494	IX.
1660	9. 10	22 29 2.02	2.875	20 45 51.3	18.495	(217.)
1661	10	22 29 10.73	2.902	18 4 59.3	18.501	(210.)
1662	9. 10	22 29 40.30	2.874	20 58 29.7	18.517	X. B.
1663	9. 10	22 29 44.11	2.918	16 24 4.7	18.519	XI.
1664	8. 9	22 29 51.37	2.919	16 30 19.9	18.523	XII. Ll. B R.
1665	9. 10	22 29 51.45	2.875	20 55 35.8	18.523	XIII. B.

I. (206) +0.03 +2.0; (210) -0.02 -1.9. **II.** (206) +0.06 +1.5; (208) +0.05 -0.6; (209) -0.12 -0.9. **III.** (208) -0.04 +0.3; (210) +0.04 -0.2. **IV.** (206) +0.10 +1.0; (208) -0.40 -0.8; (210) +0.31 -0.1. **V.** (212) +0.06 -0.3; (213) -0.05 +0.4. **VI.** (212) -0.29 +1.9; (213) +0.30 -1.8. **VII.** (212) +0.11 +1.3; (213) -0.12 -1.3. **VIII.** (216) -0.01 -4.3; (217) +0.07 -1.7; (218) -0.07 +6.1. **IX.** (204) -0.12 0.0; (208) +0 12 +0.1. **X.** (216) 0.00 -0.7; (217) 0.00 +0.7. **XI.** (204) +0.05 -2.0; (206) -0.08 +2.9; (208) +0.02 -0.8. **XII.** (204) +0.10 -0.3; (206) -0.07 +1.2; (208) 0.00 -1.2; (209) -0.03 +0.3. **XIII.** (216) -0.05 +0.7; (217) +0.16 -2.9; (218) -0.12 +2.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1666	9	22 30 3.00	+ 2.900	+18 22 10.7	+ 18.580	(212.) B.
1667	10	22 30 50.80	2.915	17 2 28.8	18.556	(210.) B.
1668	8	22 31 37.37	2.900	18 44 51.7	18.581	I. Ll. B. R.
1669	10	22 31 41.12	2.907	18 3 9.9	18.584	(210.) B.
1670	9	22 31 44.15	2.920	16 40 39.8	18.586	(208.)
1671	10	22 32 0.34	2.878	20 59 39.0	18.594	(216.)
1672	8. 9	22 32 31.38	2.901	18 54 3.6	18.611	II. Ll. B. R.
1673	8	22 32 36.94	2.926	16 18 22.9	18.614	(206.)
1674	10	22 32 44.59	2.899	19 3 55.4	18.619	(212.) B.
1675	9	22 32 56.00	2.927	16 11 58.8	18.625	(208.)
1676	9	22 33 10.27	2.903	18 41 2.2	18.632	(213.)
1677	10	22 33 11.88	2.903	18 33 44.7	18.633	(213.)
1678	8. 9	22 33 14.69	2.898	19 15 38.1	18.635	(212.) Ll. B. R.
1679	9. 10	22 33 24.28	2.897	19 17 57.2	18.640	(212.) B. R.
1680	10	22 33 29.76	2.903	18 38 59.9	18.643	(213.)
1681	9. 10	22 33 39.13	2.907	18 27 0.9	18.648	(212.)
1682	10	22 33 46.98	2.927	16 21 21.5	18.652	(206.)
1683	10	22 33 52.78	2.923	16 47 4.7	18.656	(208.)
1684	10	22 34 7.55	2.925	16 38 9.1	18.664	(208.)
1685	10	22 34 45.25	2.927	16 25 59.8	18.683	(206.)
1686	10	22 35 11.32	2.912	18 4 42.3	18.697	(210.) B.
1687	9	22 35 18.63	2.898	19 37 7.0	18.701	(212.)
1688	9	22 35 19.04	2.913	17 59 38.7	18.701	III. Ll. B. R.
1689	9	22 35 26.73	2.912	18 7 41.6	18.706	IV. Ll. B.
1690	9	22 35 44.46	2.904	19 10 11.7	18.714	V. B.
1691	10	22 35 48.57	2.918	17 42 11.7	18.717	(210.) R.
1692	8	22 35 57.71	2.929	16 28 4.9	18.723	VI. R.
1693	5	22 36 23.70	2.924	16 58 18.8	18.735	(208.)

I. (212) +0.11 +1.0; (213) -0.11 -1.0. II. (212) +0.11 0.0; (213) -0.11 +0.1.
III. (210) +0.21 -1.9; (211) -0.21 +1.9. IV. (210) +0.38 +3.2; (211) -0.37 -3.1.
V. (212) +0.16 +2.1; (213) -0.16 -2.0. VI. (206) +0.03 +0.8; (209) -0.02 -0.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1694	10	22 36 28.11	+ 2.923	+ 17 2 48.0	+ 18.738	(206.)
1695	10	22 37 20.91	2.925	17 7 19.5	18.766	(206.) B.
1696	9	22 37 30.78	2.902	19 32 54.0	18.771	(213.) R.
1697	9	22 37 31.39	2.931	16 33 26.4	18.771	(209.)
1698	9	22 37 35.27	2.925	17 44 41.1	18.773	(210.) B. R.
1699	9. 10	22 37 44.43	2.910	18 53 18.0	18.777	(212.) R.
1700	10	22 37 53.65	2.911	18 51 21.2	18.782	(212.) R.
1701	9	22 37 58.36	2.936	16 13 50.0	18.785	I.
1702	7. 8	22 38 11.08	2.913	18 34 36.3	18.791	II. Ll. B. R.
1703	10	22 38 23.26	2.928	16 58 20.1	18.797	(210.) B.
1704	8. 9	22 38 40.02	2.916	18 27 41.8	18.805	III. Ll. B. R.
1705	9. 10	22 38 46.09	2.894	20 54 50.8	18.809	IV. B.
1706	10	22 39 32.63	2.920	18 14 10.8	18.832	(212.) R.
1707	9	22 39 53.45	2.926	17 35 25.4	18.842	(210.)
1708	10	22 39 58.39	2.898	20 40 32.2	18.845	(216.)
1709	8. 9	22 40 3.86	2.931	17 1 46.9	18.847	V. R.
1710	9. 10	22 40 26.11	2.895	20 58 24.4	18.857	VI.
1711	10	22 40 58.70	2.932	17 4 47.4	18.874	VII.
1712	9. 10	22 41 12.52	2.930	17 18 54.0	18.881	(210.)
1713	9	22 41 46.40	2.932	17 15 23.3	18.897	(210.)
1714	9	22 42 18.63	2.928	17 41 50.6	18.913	(210.) B.
1715	9	22 42 53.29	2.932	17 23 21.1	18.929	(210.) B.
1716	8	22 43 19.38	2.925	18 20 53.6	18.942	(212.) Ll. B.
1717	8. 9	22 43 30.59	2.934	17 12 28.4	18.947	VIII. Ll. B. R.
1718	10	22 44 54.40	2.920	19 16 21.6	18.987	(212.) B.
1719	10	22 45 3.49	2.919	19 23 48.8	18.991	(212.)
1720	9. 10	22 45 27.80	2.920	19 20 32.6	19.002	(212.) B.

I. (206) -0.05 -0.6; (208) +0.06 +0.7. **II.** (211) -0.01 +0.4; (212) -0.04 +1.6; (213) +0.05 -2.0. **III.** (211) -0.23 -0.1; (213) +0.23 +0.2. **IV.** (216) +0.11 +1.8; (217) -0.10 -1.7. **V.** (208) -0.05 +0.6; (210) +0.05 -0.6. **VI.** (216) +0.12 -1.1; (217) -0.01 -0.1; (218) -0.12 +1.2. **VII.** (206) -0.13 +1.3; (210) +0.13 -1.2. **VIII.** (208) -0.24 0.0; (210) +0.24 0.0

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1721	9. 10	22 45 31.32	+ 2.932	+17 59 16.8	+ 19.004	(210.)
1722	10	22 45 46.40	2.933	17 54 45.7	19.011	(210.)
1723	7	22 46 40.72	2.942	16 59 51.2	19.037	(210.)
1724	9	22 46 42.60	2.927	18 54 57.8	19.038	(212.) R.
1725	8. 9	22 46 44.34	2.928	18 48 2.0	19.039	(212.) Ll. B. R.
1726	8	22 46 48.51	2.925	19 6 2.5	19.041	(212.) Ll. B.
1727	7	22 47 27.80	2.943	16 59 54.9	19.058	(208.)
1728	8. 9	22 47 41.04	2.930	18 45 47.4	19.064	(212.) Ll. B.
1729	10	22 47 43.64	2.944	16 56 17.8	19.066	(208.)
1730	10	22 48 8.52	2.915	20 40 1.4	19.077	(216.)
1731	8	22 48 12.06	2.941	17 23 47.7	19.078	(210.)
1732	9	22 48 57.84	2.936	18 19 31.0	19.098	(210.)
1733	9	22 49 48.15	2.948	16 43 38.7	19.120	I.
1734	10	22 49 59.95	2.935	18 33 38.8	19.126	(212.) B.
1735	9	22 50 3.97	2.931	19 9 42.1	19.128	(211.) B.
1736	10	22 50 28.67	2.946	17 12 58.2	19.139	(208.)
1737	9. 10	22 51 14.59	2.945	17 35 11.3	19.158	(210.)
1738	9	22 51 48.08	2.940	18 22 17.0	19.172	(212.) Ll.
1739	9	22 51 48.79	2.939	18 32 0.6	19.173	(212.)
1740	10	22 51 53.57	2.943	18 2 9.1	19.176	(210.)
1741	9	22 54 10.16	2.944	18 28 2.2	19.232	(212.) B.
1742	10	22 54 10.72	2.951	17 32 45.9	19.232	(210.)
1743	8	22 54 32.30	2.941	19 1 57.6	19.241	(212.) Ll.
1744	9	22 54 41.89	2.949	18 0 51.2	19.245	(210.)
1745	9	22 54 58.70	2.943	18 52 51.5	19.253	(212.) Ll. B.
1746	10	22 55 17.27	2.943	18 53 29.7	19.260	(212.) B.
1747	8. 9	22 55 19.71	2.948	18 2 14.1	19.261	(210.)
1748	9	22 55 34.71	2.950	18 0 26.8	19.267	(210.)
1749	9	22 56 28.39	2.955	17 28 11.9	19.289	(210.)

1. (208) +0.02 +2.0; (210) -0.01 -1.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1750	9. 10	22 56 58.68	+ 2.953	+17 3 56.5	+ 19.302	(210.)
1751	8	22 57 27.12	2.946	18 58 33.0	19.312	(212.)
1752	8. 9	22 57 45.91	2.955	17 52 49.7	19.319	(210.) B.
1753	8	22 58 12.68	2.944	19 25 49.3	19.330	(212.)
1754	9	22 58 49.01	2.955	18 10 53.3	19.344	(212.) B.
1755	8	22 59 5.64	2.949	19 6 2.3	19.350	(212.) Ll. B.
1756	9	23 0 38.89	2.965	17 0 48.8	19.386	(210.)
1757	10	23 1 15.89	2.966	17 8 51.1	19.400	(210.)
1758	9	23 1 25.05	2.955	18 41 48.9	19.403	(212.) B. R.
1759	10	23 1 37.23	2.964	17 31 45.4	19.408	(210.)
1760	9	23 1 42.22	2.964	17 35 56.6	19.410	(210.)
1761	10	23 2 10.53	2.965	17 33 20.5	19.420	(210.)
1762	9	23 2 16.07	2.957	18 46 45.9	19.422	(212.) B. R.
1763	9	23 3 19.66	2.961	18 30 36.2	19.445	(212.) B.
1764	10	23 3 57.80	2.967	17 48 24.3	19.458	(210.) B.
1765	10	23 5 44.49	2.962	19 10 0.9	19.496	(212.) B. R.
1766	9	23 5 54.51	2.953	20 41 15.1	19.499	(216.)
1767	9	23 6 4.60	2.972	17 37 23.9	19.503	(210.)
1768	8	23 6 50.43	2.965	18 56 54.8	19.518	(212.) Ll. B.
1769	10	23 7 55.92	2.967	19 2 3.8	19.540	(212.)
1770	10	23 8 29.75	2.969	18 38 27.4	19.551	(212.)
1771	9	23 9 47.63	2.970	19 9 31.6	19.576	(212.) B.
1772	10	23 10 27.17	2.976	18 11 41.5	19.589	(212.) B.
1773	9. 10	23 10 47.82	2.977	18 10 38.4	19.592	(212.)
1774	8	23 12 36.04	2.981	18 29 32.4	19.627	(212.) Ll. B. R.
1775	7. 8	23 13 12.83	2.977	19 1 10.9	19.638	(212.) Ll. B.
1776	8	23 14 44.66	2.981	18 35 15.0	19.665	(212.) Ll. B. R.
1777	9	23 14 56.56	2.980	19 18 37.0	19.669	(212.)
1778	9. 10	23 15 58.43	2.984	18 41 29.8	19.686	(212.)
1779	10	23 16 3.79	2.984	18 43 —	19.688	(212.)
1780	9	23 16 13.39	2.985	18 37 56.8	19.690	(212.) B.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1781	10	23 17 13.16	+ 2.977	+20 33 21.4	+ 19.707	(216.)
1782	10	23 18 53.01	2.990	18 45 23.3	19.733	(212.) B. R.
1783	9	23 19 14.24	2.989	19 0 55.6	19.739	(212.) B.
1784	9. 10	23 20 6.30	2.983	20 34 8.7	19.751	(216.) B. R.
1785	10	23 20 13.16	2.989	19 21 5.4	19.754	(212.)
1786	9	23 20 32.41	2.986	20 32 14.0	19.758	(216.) B. R.
1787	10	23 20 33.53	2.983	20 56 48.9	19.759	I.
1788	10	23 20 42.99	2.986	20 26 46.0	19.761	(216.) B.
1789	8	23 20 54.23	2.992	19 3 35.9	19.764	(212.) Ll. B R.
1790	10	23 21 30.77	2.985	20 57 26.2	19.773	II. R.
1791	10	23 22 7.69	2.987	20 50 7.4	19.782	(217.)
1792	10	23 22 41.63	2.994	19 36 19.2	19.789	(212.)
1793	10	23 24 21.20	2.991	20 58 36.8	19.813	(217.) R.
1794	10	23 24 25.41	2.991	20 46 8.3	19.814	III. R.
1795	10	23 27 47.23	3.007	18 51 32.9	19.856	(212.)
1796	9	23 28 10.60	3.006	19 14 50.6	19.861	(212.) B.
1797	9	23 29 12.83	3.011	18 21 12.8	19.874	(212.) B. R.
1798	9	23 29 37.00	3.013	18 12 20.5	19.878	(212.) R.
1799	9	23 31 7.95	3.012	19 11 6.4	19.896	(212.) B.
1800	9	23 31 42.41	3.012	19 37 57.0	19.902	(212.)
1801	9	23 32 42.46	3.016	18 55 22.9	19.913	(212.) B. R
1802	8	23 34 29.29	3.017	19 28 3.3	19.931	(212.) B.
1803	9	23 34 50.59	3.019	19 29 33.3	19.934	(212.) B.
1804	10	23 34 57.74	3.015	20 57 17.8	19.936	(218.)
1805	9	23 36 2.05	3.023	18 50 56.8	19.945	(212.) R.
1806	6	23 37 54.11	3.025	19 34 57.2	19.962	(212.) R.
1807	10	23 38 23.22	3.027	18 51 18.1	19.966	(212.) B
1808	9	23 38 23.39	3.027	18 42 —	19.966	(212.) B.
1809	10	23 39 20.05	3.029	18 38 22.2	19.973	(212.) B.

I. (217) 0.00 -0.4; (218) 0.00 +0.4. II. (216) +0.20 -0.9; (217) -0.11 -0.4; (218) -0.14 +1.2. III. (216) +0.09 -0.2; (217) -0.08 +0.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ' "	"	° ' "	"	
1810	10	23 40 34.94	+ 3.033	+ 18 27 58.4	+ 19.983	(212.)
1811	9	23 41 24.76	3.034	18 31 30.2	19.989	(212.)
1812	9	23 42 28.83	3.035	18 41 43.9	19.996	(212.) R.
1813	9	23 42 29.58	3.036	18 25 14.8	19.996	(212.)
1814	10	23 42 33.49	3.037	18 50 8.7	19.997	(212.) R.
1815	9	23 47 21.05	3.042	20 52 2.6	20.024	(217.)
1816	10	23 48 0.98	3.044	20 46 39.6	20.027	(217.)
1817	9	23 49 9.91	3.046	20 51 27.1	20.033	(217.) B.
1818	9	23 50 57.00	3.050	20 54 55.7	20.040	(217.) B. R.

II. Stern-Verzeichniss

Declination von +21° 0′ bis +24° 0′.

+21° +24°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1	10	0 0 50.91	+ 3.073	+22 36 12.2	+ 20.055	(220.)
2	10	0 0 59.84	3.073	22 48 0.6	20.055	(221.)
3	9. 10	0 1 20.59	3.073	21 49 46.6	20.055	I.
4	10	0 1 44.92	3.075	21 32 9.1	20.054	(220.)
5	10	0 2 14.66	3.075	22 51 17.7	20.054	(221.)
6	10	0 2 21.52	3.075	21 5 13.3	20.054	(217.)
7	10	0 2 23.48	3.075	22 1 56.3	20.054	(219.)
8	10	0 2 42.05	3.077	22 19 —	20.054	(220.)
9	10	0 2 48.68	3.077	22 48 51.8	20.052	(221.)
10	8	0 3 41.19	3.080	22 58 55.5	20.052	(221.)
11	6	0 4 16.35	3.080	22 38 13.3	20.051	II. Ll. B.
12	8	0 4 32.01	3.081	21 43 18.8	20.051	(217.)
13	10	0 4 38.64	3.082	22 37 29.1	20.051	III.
14	10	0 5 49.49	3.085	23 9 31.5	20.048	(221.)
15	10	0 5 58.74	3.084	21 23 40.7	20.048	IV.
16	10	0 6 25.62	3.084	21 53 36.3	20.046	(218.)
17	8. 9	0 7 5.31	3.087	22 57 33.1	20.045	(221.) B.
18	7	0 7 10.70	3.087	21 27 2.1	20.045	V. Ll.
19	9. 10	0 7 22.42	3.089	22 13 31.8	20.044	(221.)
20	8	0 7 47.01	3.090	22 11 47.4	20.042	(221.)
21	10	0 7 52.49	3.089	21 31 20.9	20.042	VI.

I. (217) +0.24 -1.0; (220) -0.14 +1.2; (221) -0.11 -0.2. **II.** (219) -0.02 -1.8; (220) -0.05 +3.0; (221) +0.08 -1.2. **III.** (220) +0.20 +1.5; (221) -0.20 -1.4. **IV.** (217) +0.14 +1.5; (220) -0.13 -1.4; **V.** (217) +0.24 -2.6. (220) -0.23 +2.7; **VI.** (217) +0.07 -1.4. (220) -0.07 +1.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
22	8. 9	0 7 56.05	+ 3.089	+21 52 44.0	+ 20.042	(218.)
23	10	0 8 49.98	3.091	21 59 14.8	20.039	I.
24	6. 7	0 9 8.88	3.092	22 25 23.1	20.039	II. Ll. B.
25	10	0 9 20.01	3.092	22 25 50.3	20.038	(221.)
26	8. 9	0 10 38.89	3.096	22 3 1.4	20.034	III. B. R.
27	7. 8	0 10 53.58	3.096	22 2 41.8	20.033	IV. Ll. R.
28	9	0 12 30.67	3.098	21 38 51.7	20.025	(220.)
29	9. 10	0 13 36.16	3.104	22 17 3.1	20.019	V. B.
30	10	0 15 2.53	3.106	21 49 38.7	20.012	(221.)
31	9	0 15 10 37	3.105	21 33 6.5	20.011	(218.) Ll. R.
32	10	0 15 13.11	3.108	22 58 2.9	20.011	(221.) R.
33	10	0 15 49.61	3.108	21 58 32.5	20.007	(221.)
34	10	0 17 34.69	3.112	21 26 49.6	19.995	(220.)
35	8	0 17 51.38	3.113	22 6 46.9	19.993	(217.) Ll.
36	10	0 17 55.02	3.113	22 11 43.4	19.992	(217.)
37	9	0 17 57.33	3.113	21 52 32.4	19.992	(220.) Ll. B.
38	10	0 18 16.09	3.115	23 9 6.6	19.990	(221.)
39	10	0 18 31.05	3.115	23 4 6.8	19.989	(221.)
40	10	0 19 16.61	3.118	23 8 18.5	19.983	(221.) B.
41	8	0 19 53.39	3.116	21 15 56.6	19.979	VI. Ll. B.
42	9. 10	0 19 56.45	3.119	22 38 13.1	19.978	VII.
43	9	0 20 3.25	3.119	22 44 30.2	19.978	(221.) Ll.
44	10	0 20 55.56	3.121	22 24 4.0	19.970	(217.)
45	10	0 21 15.87	3.121	22 27 31.1	19.968	VIII.
46	10	0 21 46.03	3.122	22 1 49.0	19.964	IX.
47	10	0 22 21.55	3.121	21 34 11.8	19.959	(218.)

I. (207) +0.17 +1.1; (220) -0.17 -1.1. **II.** (220) -0.16 [+34.1]; (221) +0.16 0.0. **III.** (207) +0.21 -2.6; (220) +0.12 +0.9; (221) -0.34 +1.7. **IV.** (217) +0.22 -1.3; (220) -0.17 +1.0; (221) -0.05 +0.3. **V.** (220) -0.07 +0.4; (221) +0.08 -0.4. **VI.** (217) +0.02 -1.9; (220) -0.02 +2.0. **VII.** (220) -0.06 -1.1; (221) +0.06 +1.1. **VIII.** (220) +0.01 -0.8; (221) -0.01 +0.9. **IX.** (217) +0.09 +0.4; (221) -0.08 -0.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
48	10	0 22 26.93	+ 3.123	+22 28 29.9	+ 19.958	I.
49	9. 10	0 22 38.72	3.124	21 56 52.0	19.957	II. Ll. B.
50	10	0 22 44.04	3.126	22 39 21.5	19.956	III. *
51	9. 10	0 23 35.34	3.127	22 7 42.8	19.949	IV.
52	9. 10	0 23 49.61	3.129	22 52 47.0	19.947	(221.) B.
53	10	0 24 27.75	3.127	22 16 55.7	19.941	V. Ll.
54	8	0 24 46.73	3.130	22 21 49.0	19 938	VI. Ll. B. R.
55	10	0 25 21.11	3.130	22 7 56.7	19.933	(218.)
56	9	0 25 46.56	3.133	22 25 40.9	19.928	VII. Ll.
57	10	0 25 47.57	3.131	21 57 32.4	19.928	(217.)
58	10	0 26 2.81	3.134	22 47 34.8	19.925	(221.) R.
59	9. 10	0 26 25.90	3.131	21 37 11.5	19.922	(220.)
60	10	0 27 3.30	3.134	22 4 32.0	19.916	VIII. Ll. B.
61	8	0 28 35.02	3.136	21 12 29.2	19.899	(220.) Ll. B.
62	10	0 28 39.07	3.136	21 12 12.0	19.898	(220.)
63	9	0 29 3.21	3.137	21 28 42.4	19.893	(220) Ll. B.
64	9	0 29 37.38	3.138	21 6 35.0	10.888	(217.) B.
65	9	0 30 8.14	3.140	21 40 11.4	19.881	IX. Ll.
66	10	0 30 17.05	3.144	22 52 2.5	19.880	(221.)
67	10	0 30 46.48	3.142	21 42 46.6	19.874	(220.)
68	9	0 31 28.68	3.146	22 51 47.8	19.865	(221.) Ll. B.
69	10	0 31 29.00	3.142	21 31 7.3	19.865	(217.)
70	10	0 32 14.58	3.144	22 9 14.0	19.856	X.
71	10	0 32 47.59	3.149	22 17 1.6	19.849	XI. B.
72	9. 10	0 33 54.93	3.150	22 0 22.6	19.835	XII.

I. (220) +0.29 -0.9; (221) -0.29 +0.9. II. (217) +0.19 +0.7; (221) -0.18 -0.6. III. (220) -0.06 +1.7; (221) +0.06 -1.7. IV. (217) +0.02 +1.3; (218) +0.03 -1.5; (220) -0.05 +0.2. V. (220) +0.08 +1.6; (221) -0.07 -1.6. VI. (218) -0.03 -2.7; (220) -0.03 +1.9; (221) +0.06 +0.7. VII. (218) +0.05 -2.7; (220) -0.11 +0.4; (221) +0.05 +2.2. VIII. (217) -0.01 -1.1; (221) +0.02 +1.2. IX. (217) +0.06 -2.1; (220) -0.06 +2.1. X. (220) -0.09 -0.2; (221) +0.10 +0.3. XI. (220) -0.18 +0.7; (211) +0.18 -0.7. XII. (217) +0.40 -0.1; (220) -0.14 +0.2; (221) -0.26 -0.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
73	9	0 34 27.87	+ 3.146	+22 0 33.8	+ 19.828	I. Ll. B.
74	10	0 35 49.21	3.156	22 11 37.5	19.811	(221.)
75	10	0 36 4.72	3.157	22 29 52.1	19.807	(221.)
76	9. 10	0 36 12.44	3.152	21 15 57.9	19.806	II. B.
77	9. 10	0 37 6.63	3.155	21 30 59.2	19.798	III. Ll. B.
78	8	0 37 16.64	3.161	22 46 42.5	19.790	(221.) Ll. B.
79	9. 10	0 38 10.41	3.159	21 47 42.1	19.778	IV. B.
80	10	0 38 20.99	3.159	21 57 22.4	19.775	(217.)
81	10	0 38 39.92	3.163	22 24 27.9	19.770	V.
82	9. 10	0 39 4.17	3.164	22 25 58.2	19.764	VI. R.
83	9. 10	0 39 34.55	3.164	21 58 59.0	19.756	VII. B.
84	10	0 40 59.83	3.167	22 1 38.0	19.735	VIII.
85	9	0 41 20.28	3.164	21 28 37.6	19.730	(220.)
86	8. 9	0 41 31.87	3.168	22 18 35.6	19.726	IX. Ll.
87	10	0 42 13.15	3.169	22 2 40.9	19.715	X.
88	9	0 42 14.30	3.173	22 52 43.4	19.715	(221.)
89	10	0 42 32.81	3.176	23 0 32.8	19.710	(221.)
90	9	0 43 1.29	3.176	22 54 47.0	19.703	(221.) B.
91	8. 9	0 43 7.30	3.171	22 3 52.2	19.700	XI. Ll. R.
92	10	0 43 8.19	3.171	22 2 27.6	19.700	(220.) Ll.
93	10	0 43 18.89	3.171	22 2 13.6	19.697	XII.
94	9	0 43 39.67	3.177	22 40 55.8	19.691	(221.) R.
95	10	0 44 5.88	3.175	22 13 38.4	19.688	(221.)
96	10	0 45 14.43	3.176	22 6 31.6	19.665	XIII.

I. (217) +0.12 0.0; (220) +0.10 +0.3; (221) +0.01 -0.2. II. (217) +0.10 +0.6; (218) -0.09 -0.6. III. (217) +0.20 +1.0; (218) -0.19 -0.9. IV. (217) -0.01 -1.7; (218) +0.08 -1.6; (220) -0.08 +3.2. V. (218) -0.17 -3.8; (220) +0.18 +3.9. VI. (218) -0.06 -5.5; (220) +0.06 +5.5. VII. (217) +0.15 -0.7; (220) -0.03 +2.2; (221) +0.12 -1.4. VIII. (218) -0.10 -1.8; (221) +0.10 +1.8. IX. (218) -0.04 -2.8; (220) +0.08 +1.3; (221) -0.04 +1.5. X. (217) +0.40 +1.4; (218) -0.39 -1.3. XI. (217) -0.04 -0.3; (218) -0.13 -1.3; (220) +0.18 +1.7. XII. (218) +0.15 -3.1; (220) -0.14 +3.2. XIII. (218) +0.04 -2.2; (221) -0.03 +2.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
97	9	0 46 6.90	+ 3.176	+21 39 2.2	+ 19.650	I. B.
98	8	0 46 6.91	3.185	23 19 0.5	19.650	(221.)
99	10	0 46 37.64	3.178	21 36 —	19.640	(200.)
100	7	0 47 7.55	3.184	22 35 58.3	19.631	(221.) Ll. R.
101	10	0 47 17.69	3.182	22 19 —	19.628	(218.)
102	9	0 47 42.12	3.184	22 20 30.4	19.621	(218.) B.
103	8	0 47 45.17	3.188	23 0 37.5	19.620	(221.) Ll. B.
104	9.10	0 48 57.92	3.185	22 3 44.7	19.599	II.
105	10	0 49 1.34	3.185	21 58 59.4	19.599	(220.)
106	4	0 49 12.50	3.189	22 37 25.7	19.595	(221.) Ll. B. R.
107	10	0 50 3.85	3.184	21 22 59.7	19.579	III.
108	10	0 50 30.62	3.183	21 15 25.4	19.570	(220.)
109	10	0 50 33.65	3.185	21 36 30.7	19.569	(217.) B.
110	9	0 50 37.79	3.188	21 47 2.8	19.567	IV. B.
111	10	0 51 14.49	3.189	21 50 24.1	19.556	(221.)
112	9	0 52 3.16	3.196	22 36 36.0	19.540	V. Ll.
113	9	0 52 28.28	3.197	22 52 56.4	19.531	(221.) Ll. B.
114	9	0 53 43.74	3.200	22 37 17.0	19.506	(220.)
115	10	0 53 47.33	3.203	22 59 8.4	19.505	(221.)
116	10	0 54 8.48	3.199	22 19 11.9	19.500	(220.)
117	10	0 54 9.53	3.203	22 55 16.8	19.497	(221.)
118	9	0 55 14.70	3.199	21 58 42.5	19.474	(221.)
119	9	0 55 29.96	3.201	22 15 47.0	19.469	(220.)
120	9	0 55 33.39	3.207	22 57 42.0	19.468	(221.) Ll. B.
121	10	0 57 10.27	3.198	21 9 19.6	19.434	(217.)
122	8	0 58 12.58	3.204	21 44 46.2	19.411	VI. B.
123	9	0 58 15.39	3.200	21 11 5.1	19.411	(217.)

I. (217) +0.09 -0.3; (218) 0.00 -2.1; (220) -0.09 +2.3. II. (218) -0.21 -0.1; (220) +0. 2 +0.2. III. (217) +0.01 -0.1; (220) 0.00 +0.2. IV. (217) +0.16 -0.8; (221) -0.16 +0.8. V. (220) +0.07 +0.4; (221) -0.07 -0.4. VI. (218) -0.14 -1.8; (221) +0.14 +1.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
124	9	0 58 20.06	+ 3.211	+22 30 39.7	+ 19.409	(220.)
125	8	0 58 35.34	3.211	22 25 56.5	19.403	I. Ll. B.
126	10	0 58 49.20	3.203	21 18 36.5	19.398	(217.)
127	10	0 58 53.32	3.207	21 48 4.8	19.397	(221.)
128	9	0 59 33.05	3.211	22 10 22.3	19.381	II. Ll. B.
129	10	0 59 39.31	3.214	22 31 34.9	19.378	(220.)
130	10	0 59 49.02	3.214	22 30 58.1	19.375	(220.)
131	8	1 0 5.24	3.205	21 10 32.2	19.369	III. B.
132	9. 10	1 0 17.38	3.204	21 2 54.2	19.365	IV. B.
133	9. 10	1 0 55.18	3.210	21 34 36.5	19.350	V. Ll.
134	9	1 1 2.99	3.215	22 21 5.4	19.347	VI. B.
135	9	1 1 20.13	3.211	21 46 36.8	19.340	(217.) Ll.
136	5	1 1 33.86	3.222	22 59 39.1	19.334	(221.) Ll.
137	9. 10	1 1 59.64	3.219	22 37 51.9	19.325	(220.)
138	9	1 2 7.19	3.214	21 57 16.1	19.322	VII.
139	8	1 2 38.03	3.222	22 39 57.1	19.310	(220.) B.
140	10	1 3 33.30	3.216	21 32 17.4	19.289	VIII. B.
141	8	1 3 35.73	3.218	21 55 25.5	19.288	IX. Ll. B.
142	8. 9	1 4 48.64	3.222	22 2 29.3	19.257	X. Ll. B.
143	10	1 5 55.83	3.220	21 30 46.3	19.230	XI.
144	9	1 7 9.32	3.227	22 4 17.0	19.199	(217.) Ll. B.
145	9. 10	1 7 9.93	3.222	21 27 18.4	19.199	XII.
146	10	1 8 9.98	3.223	21 18 38.0	19.174	(218.)
147	9. 10	1 9 1.21	3.230	21 57 1.8	19.152	XIII.

I. (218) -0.07 -2.1; (220) +0.07 +2.2. **II.** (217) +0.29 -0.7; (218) -0.19 -1.1; (221) -0.11 +1.9. **III.** (217) +0.26 +2.3; (218) -0.25 -2.2. **IV.** (217) +0.21 +1.2; (218) -0.21 -1.1. **V.** (217) +0.12 +0.6; (218) -0.12 -0.5. **VI.** (220) -0.03 +0.4; (221) +0.04 -0.3. **VII.** (217) +0.15 -1.6; (218) -0.15 +1.6. **VIII.** (217) +0.33 +0.3; (218) -0.32 -0.3. **IX.** (217) +0.14 -0.3; (220) -0.13 +0.4. **X.** (217) +0.04 -1.5; (218) +0.02 +0.4; (220) -0.05 +1.1. **XI.** (218) -0.02 -1.6; (220) +0.03 +1.6. **XII.** (218) +0.05 -2.0; (220) -0.04 +2.1. **XIII.** (217) +0.10 +0.8; (218) -0.11 -2.0; (220) +0.02 +1.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
148	9. 10	1 9 38.46	+ 3.232	+21 54 40.4	+ 19.136	I. Ll. B.
149	10	1 10 22.19	3.234	21 43 30.3	19.116	II.
150	10	1 10 50.14	3.232	21 37 5.8	19.104	III.
151	10	1 12 42.18	3.240	22 5 32.2	19.054	(220.)
152	7	1 13 7.20	3.236	21 35 9.6	19.043	(218.) Ll. B.
153	10	1 14 21.04	3.238	21 31 46.5	19.009	(220.)
154	10	18 44 34.59	2.517	22 51 52.7	3.877	(298.)
155	10	18 47 34.85	2.520	22 47 18.9	4.134	(298.) B.
156	9. 10	18 48 29.19	2.516	22 58 27.4	4.212	(298.)
157	9	18 48 55.39	2.516	23 2 1.7	4.249	(298.) Ll. B.
158	10	18 49 19.68	2.516	22 58 35.8	4.285	(298.)
159	10	18 49 45.83	2.523	22 43 45.9	4.321	(298.)
160	9	18 49 59.78	2.519	22 52 38.0	4.342	(298.) Ll. B. R.
161	9	18 50 53.00	2.528	22 36 50.1	4.417	(298.)
162	9. 10	18 51 56.27	2.558	21 28 37.3	4.505	(298.) Ll. B.
163	10	18 52 1.82	2.547	21 52 49.7	4.514	(298.) B.
164	10	18 52 16.69	2.540	22 10 51.3	4.535	(298.)
165	10	18 52 35.46	2.538	22 16 6.4	4.561	(298.)
166	10	18 52 43.29	2.537	22 17 56.6	4.572	(298.)
167	8. 9	18 53 38.74	2.530	22 36 32.3	4.652	(298.) Ll. B.
168	9. 10	18 54 28.27	2.521	22 55 14.1	4.721	(298.)
169	10	18 54 47.66	2.522	22 52 56.2	4.749	(298.) B.
170	10	18 55 25.92	2.528	22 40 33.2	4.803	(298.) Ll. B. R.
171	10	18 55 42.75	2.526	22 38 2.2	4.827	(298.)
172	10	18 55 47.85	2.528	22 35 57.3	4.834	(298.) B.
173	10	18 56 40.23	2.516	23 9 39.3	4.908	(298.) Ll. B.
174	10	18 57 24.14	2.517	23 8 4.6	4.972	(298.) Ll. R.
175	10	18 57 56.64	2.517	23 9 29.9	5.018	(298.) B.

I. (217) +0.25 -1.0; (218) -0.24 -2.5; (220) -0.01 +3.4. II. (218) -0.14 -2.1; (220) +0.15 +2.2. III. (218) +0.06 -1.5; (220) -0.05 +1.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
176	10	18 58 12.64	+ 2.520	+23 6 29.9	+ 5.050	(298.) B. } Doppelst. Ll. R.
177	9	18 58 20.05	2.520	23 6 29.9	5.050	(298.) B. }
178	10	18 58 30.57	2.520	23 5 55.1	5.065	(298.) B. R.
179	9	18 58 33.12	2.574	21 1 1.1	5.068	(297.) Ll. B.
180	10	18 59 28.15	2.529	23 5 40.5	5.147	(298.)
181	9	19 0 13.45	2.531	22 39 50.3	5.208	(298.) Ll. B. R.
182	10	19 0 37.53	2.526	22 51 50.7	5.243	(298.) R.
183	9	19 0 46.56	2.540	22 21 9.2	5.256	(298.) Ll. B.
184	10	19 1 58.89	2.550	21 59 49.3	5.359	(298.) B.
185	10	19 6 43.30	2.542	21 39 28.0	5.756	(298.)
186	10	19 7 19.63	2.528	22 57 15.7	5.807	(298.)
187	10	19 7 52.92	2.531	22 53 3.9	5.853	(298.) B.
188	10	19 9 20.98	2.536	22 41 1.3	5.976	(298.)
189	7. 8	19 9 46.03	2.578	21 7 46.7	6.011	(298.) Ll. B. R.
190	8. 9	19 11 6.08	2.568	21 32 52.8	6.122	(298.) Ll. R.
191	10	19 11 18.23	2.568	21 32 46.9	6.139	(298.)
192	10	19 12 8.57	2.565	21 40 43.4	6.210	(298.) B.
193	8. 9	19 12 56.18	2.531	23 1 54.3	6.274	(298.) Ll. B. R.
194	9. 10	19 13 19.89	2.530	23 4 46.5	6.307	(298.)
195	10	19 13 36.15	2.530	23 5 55.7	6.329	(298.)
196	8	19 14 30.21	2.560	21 55 16.7	6.404	(298.) Ll. R.
197	9. 10	19 16 6.11	2.562	21 54 16.4	6.537	(298.) Ll. B.
198	10	19 16 23.61	2.562	21 55 55.5	6.560	(298.)
199	10	19 16 49.99	2.559	22 4 27.9	6.598	(298.)
200	10	19 17 34.22	2.561	21 58 58.1	6.659	(298.)
201	9	19 18 15.81	2.564	21 54 51.4	6.717	(298.) Ll. B. R.
202	10	19 18 40.24	2.574	21 32 38.1	6.750	(298.)
203	10	19 18 43.90	2.564	21 55 27.6	6.756	(298.)
204	10	19 19 48.60	2.549	22 27 41.6	6.845	(298.)
205	10	19 19 58.82	2.562	22 3 30.2	6.858	(298.) B.
206	10	19 20 11.30	2.551	22 27 57.8	6.874	(298.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
207	10	19 21 34.09	+ 2.578	+21 27 11.2	+ 6.987	(298.) B.
208	9	19 22 28.29	2.582	21 19 9.4	7.060	(298.) B.
209	10	19 22 57.75	2.584	21 15 42.5	7.101	(298.)
210	10	19 23 25.44	2.583	21 18 35.9	7.138	(298.)
211	9	19 24 43.57	2.574	21 41 59.8	7.247	(298.)
212	9	19 24 54.93	2.577	21 34 55.8	7.261	(298.)
213	9	19 25 43.66	2.575	21 43 35.3	7.329	(298.)
214	9. 10	19 26 13.92	2.587	21 16 3.0	7.369	(298.)
215	8. 9	19 26 28.31	2.589	21 8 20.0	7.388	(298.) B.
216	9	19 27 18.83	2.589	21 11 47.4	7.457	(298.) B.
217	9	19 27 39.71	2.585	21 25 10.8	7.486	(298.)
218	9	19 28 1.19	2.583	21 28 35.1	7.514	(298.) Ll. R.
219	8. 9	19 28 41.58	2.575	21 49 58.8	7.570	(298.) Ll. R.
220	9	19 29 16.28	2.575	21 48 49.0	7.615	(298.) Ll. R.
221	9	19 29 49.32	2.580	21 38 35.0	7.660	(298.) Ll. R.
222	9	19 29 54.50	2.578	21 44 3.2	7.666	(298.) Ll.
223	8	19 30 39.62	2.577	21 40 25.3	7.729	(298.) Ll. B. R.
224	9	19 31 8.66	2.575	21 52 52.9	7.768	(298.) Ll.
225	9	19 31 26.83	2.597	21 1 26.4	7.792	(297.)
226	8. 9	19 31 28.13	2.565	22 27 47.6	7.793	(298.) R.
227	9	19 31 57.43	2.561	22 30 31.9	7.832	(298.)
228	8	19 32 59.95	2.577	21 54 58.7	7.917	(298.) Ll. B.
229	9	19 33 7.38	2.564	22 23 5.2	7.926	(298.)
230	9	19 34 7.56	2.579	21 49 44.0	8.007	(298.)
231	9. 10	19 34 14.33	2.592	21 19 13.3	8.015	(298.)
232	7. 8	19 34 48.98	2.574	22 6 25.7	8.062	(298.) Ll. B.
233	9	19 35 51.13	2.585	21 39 59.5	8.145	(298.) R.
234	9	19 36 23.02	2.584	21 44 4.9	8.188	(298.)
235	8. 9	19 36 58.97	2.575	22 8 32.6	8.236	(298.) Ll.
236	9	19 37 23.41	2.571	22 16 37.9	8.268	(298.) B.
237	9	19 38 14.23	2.574	22 12 30.2	8.335	(298.) B.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
238	9	19 38 16.59	+ 2.573	+22 14 17.3	+ 8.339	(298.) B.
239	9	19 39 36.09	2.573	22 19 55.9	8.443	(298.)
240	8	19 39 52.62	2.579	22 6 26.8	8.466	(298.) Ll.
241	8	19 40 49.06	2.597	21 24 20.4	8.539	(298.) Ll. B.
242	9	19 40 54.79	2.597	21 25 3.4	8.547	(298.) Ll B.
243	9	19 41 25.75	2.592	21 36 52.9	8.588	(298.)
244	9	19 41 57.66	2.593	21 35 40.1	8.630	(298.) Ll.
245	9	19 42 1.79	2.593	21 35 24.2	8.636	(298.) Ll.
246	9	19 42 41.16	2.594	21 35 30.4	8.686	(298.)
247	9	19 43 17.74	2.592	21 39 4.8	8.735	(298.)
248	8. 9	19 43 50.73	2.593	21 41 27.0	8.779	(298.)
249	8	19 44 13.12	2.591	21 44 15.2	8.808	(298.) Ll.
250	9	19 44 51.70	2.590	21 50 53.6	8.860	(298.)
251	9	19 45 5.06	2.588	21 54 24.9	8.876	(298.) Ll.
252	9	19 46 2.44	2.586	22 4 19.4	8.952	(298.) Ll.
253	9	19 46 55.71	2.593	21 48 9.5	9.022	(298.)
254	9	19 46 57.26	2.590	21 55 54.6	9.023	(298.) Ll.
255	9	19 47 19.72	2.594	21 43 55.6	9.053	(298.)
256	9	19 47 43.72	2.598	21 38 45.6	9.084	(298.)
257	8	19 48 16.01	2.588	22 2 25.3	9.126	(298.) Ll. B.
258	9	19 48 46.49	2.588	22 6 40.6	9.165	(298.) Ll. B.
259	9. 10	19 50 30.96	2.599	21 41 55.3	9.301	(298.)
260	9	19 51 16.39	2.599	21 44 30.6	9.359	(298.)
261	9	19 51 52.38	2.596	21 53 51.6	9.405	(298.)
262	9	19 52 35.65	2.590	22 13 27.3	9.461	(298.)
263	9. 10	19 52 52.14	2.590	22 12 35.3	9.482	(298.)
264	9	19 53 37.06	2.589	22 17 57.8	9.539	(298.) R.
265	9	19 54 15.49	2.589	22 18 43.1	9.588	(298.) Ll. B. R.
266	8. 9	19 54 28.81	2.586	22 26 3.3	9.606	(298.) B. R.
267	9. 10	19 55 19.86	2.593	22 9 13.4	9.671	(298.)
268	9	19 55 20.22	2.600	21 52 2.0	9.671	(298.) Ll. B.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
269	8. 9	19 55 51.46	+ 2.604	+21 44 15.0	+ 9.711	(298.) Ll B.
270	9. 10	19 56 35.09	2.602	21 51 24.5	9.767	(298.)
271	9	19 57 1.99	2.619	21 10 3.3	9.802	(298.)
272	9. 10	19 57 14.67	2.613	21 23 53.2	9.818	(298.)
273	9. 10	19 57 54.11	2.612	21 20 14.6	9.867	(298.)
274	9	19 58 20.79	2.624	21 4 59.5	9.901	(298.) Ll.
275	8. 9	19 59 14.94	2.593	22 22 18.2	9.970	(298.) Ll B. R.
276	9. 10	19 59 40.81	2.589	22 36 57.7	10.003	(298.) Ll.
277	9	19 59 44.51	2.626	22 44 29.9	10.008	(298.) Ll. B. R.
278	7	20 0 26.86	2.576	23 11 5.8	10.060	(298.) Ll. B.
279	9	20 2 2.13	2.629	21 0 18.5	10.180	(297.)
280	9. 10	20 2 5.22	2.625	21 11 15.0	10.184	(298.) Ll.
281	8. 9	20 2 13.48	2.612	21 48 18.7	10.194	(298.) Ll.
282	9. 10	20 3 4.29	2.578	23 11 6.7	10.258	(298.)
283	10	20 3 57.10	2.586	22 56 3.8	10.323	(298.) B.
284	8. 9	20 4 22.52	2.582	23 5 2.1	10.357	(298.) Ll. B.
285	9. 10	20 5 9.30	2.598	22 27 21.8	10.414	(298.)
286	9. 10	20 5 42.10	2.610	22 0 14.4	10.455	(298.)
287	9. 10	20 6 34.47	2.625	21 23 46.9	10.520	(298.)
288	9. 10	20 6 37.73	2.625	21 24 6.9	10.525	(298.)
289	9. 10	20 6 52.07	2.602	22 23 7.3	10.542	(298.) B.
290	9. 10	20 7 37.29	2.595	22 36 31.9	10.598	(298.) B.
291	9	20 7 48.85	2.600	22 33 3.9	10.613	(298.)
292	9	20 7 58.37	2.597	22 30 19.0	10.625	(298.) B.
293	9. 10	20 8 13.53	2.594	22 50 18.6	10.681	(298.)
294	7	20 9 1.39	2.595	22 53 9.8	10.702	(298.)
295	9. 10	20 10 13.33	2.598	22 44 30.0	10.791	(298.)
296	9. 10	20 10 59.53	2.612	22 10 26.7	10.849	(298.)
297	9. 10	20 11 0.51	2.624	21 40 42.1	10.850	(298.)
298	9. 10	20 11 31.44	2.617	22 1 5.7	10.887	(298.)
299	9. 10	20 12 18.44	2.623	21 44 52.6	10.945	(298.)

+21°　　　　　　+24°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
300	9. 10	20 13 1.69	+ 2.632	+21 24 54.4	+ 10.998	(298.)
301	9. 10	20 13 9.06	2.638	21 9 39.3	11.007	(298.) B.
302	8. 9	20 14 8.12	2.624	21 48 20.4	11.079	(298.) Ll. B.
303	9	20 17 27.34	2.613	22 29 12.6	11.319	(298.)
304	8. 9	20 18 6.41	2.638	21 27 12.6	11.366	(298.)
305	8. 9	20 18 33.46	2.649	21 0 12.1	11.399	(297.) Ll.
306	9	20 18 37.95	2.621	22 15 51.8	11.405	(298.)
307	10	20 18 40.13	2.639	21 27 48.8	11.407	(298.)
308	9	20 19 29.17	2.616	22 28 0.4	11.466	(298.)
309	10	20 19 55.59	2.604	23 5 54.3	11.498	(298.)
310	9	20 20 30.13	2.614	22 36 12.9	11.539	(298.)
311	8	20 21 36.48	2.638	21 38 49.3	11.617	(298.) Ll.
312	9	20 22 10.99	2.638	21 37 14.4	11.659	(298.) Ll. B.
313	8. 9	20 22 23.12	2.641	21 32 36.4	11.673	(298.) Ll. B.
314	9	20 23 22.17	2.618	22 36 7.0	11.742	(298.) B.
315	9	20 23 52.13	2.617	22 44 7.6	11.778	(298.) B.
316	9	20 23 54.28	2.655	21 2 3.3	11.781	(297.)
317	9	20 24 48.01	2.645	21 33 11.3	11.845	(298.) Ll. B.
318	8	20 24 54.69	2.648	21 23 18.4	11.853	(298.) Ll. B.
319	8	20 25 29.44	2.646	21 30 39.5	11.893	(298.) Ll. B.
320	8. 9	20 26 32.64	2.645	21 38 35.2	11.968	(298.) Ll.
321	9	20 26 53.83	2.631	22 19 40.1	11.992	(298.) B.
322	9	20 27 33.83	2.631	22 23 11.4	12.039	(298.) B.
323	9	20 28 17.78	2.619	22 56 1.3	12.091	(298.) B.
324	9. 10	20 30 19.10	2.662	21 3 5.1	12.231	(305.) B.
325	9	20 30 37.61	2.659	21 17 3.2	12.253	(298.) B. R.
326	9	20 30 48.52	2.659	21 18 47.4	12.266	(298.)
327	9	20 31 3.92	2.654	21 31 1.7	12.283	(298.) B.
328	9. 10	20 31 51.92	2.633	22 32 43.2	12.337	(298.) B.
329	9. 10	20 32 36.95	2.631	22 42 28.8	12.389	(298.)
330	9. 10	20 34 4.02	2.644	22 11 53.6	12.490	(298.) B.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ' "	"	° ' "	"	
331	9. 10	20 34 42.78	+ 2.668	+21 7 4.9	+ 12.534	(305.) B.
332	9	20 35 12.04	2.648	22 2 24.9	12.566	(298.) B.
333	9	20 35 13.39	2.640	22 26 59.4	12.568	(298.) B.
334	9	20 35 52.28	2.626	23 8 10.2	12.612	(298.) B.
335	9. 10	20 36 41.09	2.643	22 27 19.9	12.667	(298.) B.
336	9. 10	20 36 56.25	2.653	21 58 35.5	12.685	(298.)
337	9	20 40 28.38	2.668	21 26 0.1	12.921	(298.) B.
338	9	20 41 51.36	2.679	21 4 37.2	13.015	(305.)
339	10	20 47 44.96	2.686	21 8 10.5	13.402	(215.) B.
340	9	20 48 56.75	2.687	21 8 16.7	13.480	(215.) B. R.
341	9. 10	20 49 20.67	2.673	21 53 20.9	13.506	(298.) B. R.
342	10	20 49 29.65	2.687	21 11 12.6	13.516	(215.) B.
343	9. 10	20 51 33.96	2.658	22 51 56.9	13.649	(298.)
344	9. 10	20 54 8.65	2.662	22 49 36.8	13.814	(298.) B.
345	9. 10	20 54 36.67	2.688	21 36 51.3	13.843	(298.) B.
346	9	20 55 15.85	2.659	23 4 43.5	13.885	(298.) Ll. R.
347	8	20 56 3.33	2.693	21 13 13.1	13.934	(215.) Ll. B. R.
348	9	20 58 43.57	2.701	21 16 36.9	14.102	(215.)
349	8	21 1 14.40	2.706	21 9 51.5	14.257	I. Ll. R.
350	9	21 1 35.78	2.702	21 27 18.4	14.279	(216.)
351	9	21 1 50.12	2.701	21 33 32.7	14.294	(216.)
352	9	21 3 2.82	2.706	21 19 31.9	14.368	(216.) B. R.
353	9	21 3 45.45	2.698	21 50 54.1	14.410	II. } B. Doppelst. Ll. R.
354	8	21 3 46.25	2.698	21 50 46.7	14.411	III. } B
355	10	21 4 42.41	2.714	21 7 0.4	14.468	(305.)
356	9	21 6 43.63	2.714	21 17 56.3	14.591	(216.) B.
357	8	21 7 46.48	2.710	21 34 24.0	14.653	(216.) B.
358	9	21 8 35.33	2.719	21 9 29.2	14.702	IV. B.
359	8. 9	21 9 29.19	2.717	21 17 28.0	14.755	V. B.

I. (215) +0.24 -0.3; (216) -0.24 +0.3. II. (215) +0.01 -1.1; (216) -0.01 +1.2.
III. (215) +0.20 -1.2; (216) -0.20 +1.3 IV. (215) +0.02 -2.1; (216) -0.02 +2.2.
V. (215) +0.25 -1.2; (216) -0.25 +1.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
360	9	21 10 19.78	+ 2.707	+21 54 23.2	+ 14.805	I. B.
361	8	21 10 45.54	2.709	21 55 0.7	14.831	II. B. R.
362	9	21 10 57.02	2.712	21 45 39.1	14.842	(216.) B.
363	8	21 11 22.60	2.716	21 29 17.2	14.867	III. Ll. B.
364	9	21 12 24.66	2.714	21 44 55.0	14.928	(216.) Ll.
365	8	21 13 24.58	2.722	21 24 34.9	14.986	(216.) Ll. B.
366	9	21 13 27.80	2.720	21 29 14.2	14.989	(216.) B.
367	9. 10	21 16 54.01	2.733	21 7 50.6	15.186	IV. B.
368	9	21 17 4.66	2.731	21 17 19.5	15.197	V. B.
369	8. 9	21 19 59.67	2.732	21 30 57.7	15.363	(216.) B.
370	9	21 20 3.20	2.727	21 48 40.3	15.365	(216.) B.
371	8	21 20 55.99	2.741	21 5 4.4	15.415	VI. Ll. B. R.
372	8	21 22 8.38	2.735	21 31 32.7	15.481	VII. Ll. B. R.
373	8	21 34 8.14	2.757	21 30 59.1	16.127	(216.) Ll. B.
374	7. 8	21 34 27.87	2.761	21 15 28.1	16.144	(212.) Ll. B. R.
375	9. 10	21 35 50.16	2.756	21 47 40.9	16.216	(216.)
376	9	21 51 21.75	2.789	21 31 44.5	16.977	(216.) R.
377	9	21 52 21.52	2.792	21 26 48.4	17.024	(216.) R.
378	9	21 52 58.99	2.788	21 54 41.6	17.052	(217.)
379	10	21 53 13.79	2.794	21 28 33.3	17.064	(216.)
380	10	21 54 38.06	2.793	21 47 39.6	17.128	(216.)
381	10	21 55 38.46	2.802	21 15 41.4	17.173	(216.)
382	9	21 55 55.63	2.801	21 21 33.6	17.187	(216.)
383	10	21 56 35.27	2.807	21 4 55.9	17.216	(216.)
384	10	21 57 16.38	2.807	21 4 15.3	17.247	(216.) B.
385	10	21 57 44.18	2.809	21 5 5.0	17.268	(216.)
386	10	21 59 41.51	2.807	21 33 18.0	17.355	(216.)
387	8	22 1 48.27	2.813	21 24 21.2	17.445	VIII. B. R.

I. (215) -0.01 0.0; (216) +0.02 [-30.8]. II. (215) +0.34 -0.4; (216) -0.34 +0.4.
III. (215) -0.09 -1.4; (216) +0.09 +1.5. IV. (215) -0.01 -1.9; (216) +0.02 +2.0.
V. (215) -0.03 -0.5; (216) -0.03 +0.6. VI. (215) +0.14 -1.5; (216) -0.13 +1.6.
VII. (215) -0.13 -0.2; (216) +0.14 +0.3. VIII. (216) -0.11 +0.1; (217) +0.12 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
388	9	22 2 20.45	+ 2.807	+21 47 54.9	+ 17.469	(217.) B.
389	8	22 2 36.20	2.813	21 30 31.4	17.480	I. B. R.
390	10	22 3 2.55	2.811	21 38 27.7	17.500	(216.)
391	10	22 3 36.42	2.808	22 3 50.5	17.523	II. B. R.
392	9. 10	22 3 48.40	2.808	22 3 29.6	17.531	(217.) R.
393	9	22 5 1.91	2.806	22 22 41.0	17.583	(218.)
394	10	22 6 4.51	2.825	21 3 19.9	17.627	III.
395	7	22 7 45.14	2.819	21 46 48.1	17.696	IV. Ll. B. R.
396	9. 10	22 8 33.60	2.815	22 20 47.2	17.729	(218.) B R.
397	8	22 9 37.22	2.819	22 9 3.1	17.772	(218.) Ll. B. R.
398	9	22 10 6.33	2.825	21 38 28.8	17.793	V. B.
399	9	22 10 14.89	2.830	21 15 51.4	17.799	VI. B.
400	10	22 11 18.11	2.830	21 27 32.9	17.841	(216.)
401	10	22 11 23.23	2.823	21 57 41.7	17.844	(218.)
402	10	22 11 44.75	2.827	21 49 46.5	17.859	(216.)
403	10	22 11 49.42	2.824	22 5 18.8	17.861	(218.)
404	9	22 13 6.14	2.839	21 3 55.4	17.912	VII. B.
405	9	22 13 38.24	2.826	22 18 31.5	17.932	(216.) B. R.
406	9. 10	22 15 25.48	2.836	21 38 4.0	18.002	VIII. B. R.
407	10	22 15 28.20	2.844	21 0 27.7	18.004	(305.) B.
408	9. 10	22 15 38.63	2.844	21 10 7.3	18.010	(218.) B.
409	10	22 16 7.79	2.835	21 52 54.7	18.030	(217.)
410	10	22 16 9.52	2.843	21 13 36.7	18.031	(218.) B.
411	9	22 16 41.15	2.844	21 20 58.6	18.051	(217.)
412	10	22 16 47.27	2.838	21 46 32.5	18.054	(216.)
413	9. 10	22 17 40.97	2.840	21 47 44.5	18.099	IX. R.

I. (216) +0.05 -1.5; (217) -0.04 +1.5. **II.** (217) +0.17 [-30.1]; (218) -0.16 0.0. **III.** (216) +0.43 -1.8; (305) -0.43 +1.9. **IV.** (216) +0.26 -1.8; (217) -0.17 +0.4; (218) -0.09 +1.5. **V.** (217) +0.26 -1.8; (218) -0.26 +1.8. **VI.** (216) -0.08 -1.0; (217) [-1.20] +0.8; (218) +0.08 +0.3. **VII.** (216) -0.16 -1.1; (217) +0.19 +0.6; (218) -0.04 +0.6. **VIII.** (216) -0.07 +1.2; (217) +0.15 -1.8; (218) -0.08 +0.5. **IX.** (216) -0.20 -0.1; (217) +0.21 +0.2.

+21° +24°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
414	9	22 18 2.34	+ 2.848	+21 6 57.2	+ 18.102	I. Ll. R.
415	8	22 16 22.29	2.840	21 48 50.5	18.115	(216.) Ll. B.
416	9	22 18 40.81	2.845	21 33 28.1	18.127	(217.)
417	10	22 18 51.40	2.849	21 13 1.8	18.134	(216.)
418	9	22 19 38.14	2.852	21 6 28.9	18.162	(216.) Ll R.
419	9	22 19 38.19	2.842	22 3 6.3	18.162	(217.) Ll. B.
420	9	22 19 58.36	2.852	21 10 1.1	18.175	(216.)
421	10	22 22 47.70	2.848	22 3 52.7	18.277	(218.)
422	9	22 23 5.97	2.852	21 42 6.2	18.288	(217.) Ll. B. R.
423	10	22 23 22.92	2.851	21 46 12.9	18.298	(217.) B. R.
424	9	22 23 36.02	2.849	22 7 57.2	18.307	(218.)
425	9. 10	22 25 50.89	2.864	21 9 1.7	18.385	(218.)
426	9	22 26 45.16	2.861	21 39 17.4	18.416	(217.)
427	9. 10	22 27 46.72	2.866	21 19 48.8	18.452	II. B. R.
428	8. 9	22 27 47.27	2.865	21 31 39.9	18.452	III. B. R.
429	10	22 31 28.89	2.876	21 2 2.2	18.577	(216.)
430	8	22 32 45.11	2.869	22 5 51.9	18.619	IV. Ll. R.
431	10	22 32 56.13	2.873	21 46 15.3	18.625	(216.)
432	10	22 33 3.04	2.873	21 43 13.8	18.629	(216.)
433	8	22 34 1.61	2.872	22 4 57.6	18.660	(218.) B.
434	10	22 34 7.31	2.873	21 59 3.5	18.663	(218.)
435	8	22 34 36.58	2.879	21 36 20.8	18.679	(218.) Ll. B. R.
436	8. 9	22 34 50.05	2.881	21 19 11.8	18.686	V. Ll. B.
437	9	22 35 54.19	2.875	22 14 56.3	18.720	(218.) B. R.
438	8. 9	22 37 14.87	2.887	21 9 57.8	18.762	VI. Ll. B. R.
439	10	22 37 22.80	2.876	22 22 59.5	18.767	(218.)
440	9	22 38 13.99	2.886	21 31 8.2	18.792	(217.)
441	10	22 38 23.22	2.879	22 18 5.3	18.797	(218.) B.

I. (217) -0.27 -0.4; (305) +0.27 +0.5. II. (216) +0.14 -1.5; (218) -0.13 +1.6.
III. (217) +0.16 +0.7; (218) -0.16 -0.6. IV. (217) +0.02 -0.9; (218) -0.02 +1.0.
V. (217) -0.02 +2.5; (218) +0.02 -2.5. VI. (217) +0.08 +1.1; (218) -0.08 -1.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
442	9	22 39 36.66	+ 2.887	+21 54 38.9	+ 18.834	I. B.
443	9. 10	22 40 59.33	2.895	21 12 29.0	18.874	II. B. R.
444	9	22 45 2.77	2.896	22 5 16.6	18.991	III. B. R.
445	10	22 46 13.08	2.901	21 47 23.1	19.019	(216.)
446	9. 10	22 46 39.06	2.905	21 36 50.1	19.036	IV.
447	10	22 46 44.18	2.903	21 48 31.7	19.039	(216.)
448	9	22 46 58.09	2.905	21 36 13.8	19.044	V. B.
449	9	22 47 58.43	2.902	22 12 9.8	19.072	(218.)
450	10	22 49 5.62	2.914	21 3 51.1	19.102	(216.)
451	8	22 49 6.41	2.905	22 9 24.0	19.102	(218.) Ll. B. R.
452	9	22 51 3.03	2.913	21 43 53.0	19.153	VI. B.
453	9	22 51 47.95	2.909	22 26 24.2	19.172	VII. R.
454	10	22 52 26.27	2.911	22 8 31.6	19.188	VIII.
455	9	22 52 55.15	2.910	22 37 29.8	19.201	IX.
456	10	22 53 29.22	2.911	22 29 28.7	19.215	(222.)
457	9	22 53 39.07	2.918	21 50 36.3	19.219	X. B.
458	8. 9	22 53 41.37	2.920	21 35 9.6	19.219	(218.) B.
459	9	22 53 57.16	2.913	22 33 48.0	19.227	XI.
460	9	22 54 12.12	2.913	22 37 30.4	19.233	(222.)
461	9	22 54 16.60	2.915	22 16 8.8	19.235	XII. Ll.
462	9. 10	22 54 55.67	2.912	22 55 11.8	19.251	(221.) B.
463	7. 8	22 55 2.47	2.915	22 32 5.1	19.254	XIII. Ll. B.
464	9	22 55 25.47	2.917	22 19 32.6	19.263	XIV. Ll. B.

I. (217) +0.15 0.0; (218) -0.14 +0.1. **II.** (217) +0.12 +1.6; (218) -0.11 -1.6. **III.** (216) +0.18 +1.7; (217) +0.02 +0.7; (218) -0.21 -2.5. **IV.** (217) +0.08 -0.7; (218) -0.08 +0.8. **V.** (216) +0.15 -0.2; (217) +0.05 -0.8; (218) -0.21 +1.1. **VI.** (218) +0.15 -0.7; (220) -0.01 +0.7; (221) -0.15 0.0 **VII.** (220) +0.07 +2.4; (221) -0.06 -0.4; (222) -0.01 -2.1. **VIII.** (218) -0.11 +0.9; (221) +0.11 -0.8. **IX.** (220) +0.02 +2.0; (221) -0.31 -2.5; (222) +0.29 +0.4. **X.** (218) +0.18 -1.1; (221) -0.17 +1.2. **XI.** (220) +0.18 +3.3; (222) -0.18 -3.2. **XII.** (220) +0.11 -1.0; (221) -0.10 +1.1. **XIII.** (220) -0.02 +1.5; (222) +0.03 -1.5. **XIV.** (218) -0.14 -0.6; (220) +0.14 +3.8; (222) +0.01 -3.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
465	9	22 55 58.81	+ 2.918	+22 28 23.1	+ 19.278	I. B
466	9	22 56 16.45	2.918	22 34 21.0	19.284	II. Ll. B.
467	9	22 56 22.75	2.916	22 42 7.6	19.287	(222.)
468	9	22 56 28.41	2.924	21 35 7.8	19.289	(220.)
469	9	22 56 55.17	2.919	22 38 34.8	19.300	(222.)
470	9	22 58 17.54	2.921	22 40 32.6	19.332	(222.)
471	9	22 58 25.75	2.926	22 3 39.6	19. 34	(220.)
472	9	22 58 51.02	2.930	21 47 11.7	19.344	(220.)
473	9	22 59 19.04	2.936	21 0 30.9	19.356	(218.) B.
474	10	22 59 39.04	2.925	22 48 [illegible].9	19.364	(222.)
475	9. 10	22 59 40.11	2.925	22 48 27.5	19.364	III.
476	9. 10	23 0 21.23	2.929	22 15 8 0	19.378	IV.
477	9	23 0 53 99	2.938	21 18 37.1	19.392	V. B.
478	9	23 0 57.26	2.932	22 13 11 0	19.393	VI. B.
479	9. 10	23 1 30.08	2.931	22 18 39 1	19.405	VII.
480	8. 9	23 1 30.25	2.935	21 39 34.7	19.405	VIII. B.
481	10	23 2 9.06	2.926	23 23 45.1	19 420	(222.) B. R.
482	9	23 2 12.92	2 930	22 46 38.7	19.421	IX. Ll. B.
483	9	23 2 14.04	2.925	23 26 53.9	19.422	(222.) Ll. B. R.
484	9	23 2 30.18	2.938	21 40 47.8	19.427	X.
485	9	23 3 10.38	2.927	23 35 43.0	19.441	(222.) Ll.
486	8. 9	23 3 34 49	2.930	23 29 14.0	19.450	(222.) Ll. B.
487	9. 10	23 3 54.13	2.932	23 7 55.7	19 457	XI.
488	10	23 4 7.26	2.946	21 3 31.8	19.462	(218.)
489	9	23 5 27.64	2.934	23 15 15.9	19.490	(222.) B.
490	10	23 5 31.59	2.950	21 9 42.4	19 491	(218.)

I. (220) +0.04 +1.8; (222) -0.03 -1.8. II. (220) +0.11 +0.3; (222) -0.10 -0.3. III. (221) -0.02 -0.3; (222) +0.03 +0.4. IV. (220) -0.21 -0.3; (221) +0.03 -0.9; (222) +0.18 +1.1. V. (218) +0.17 -3.3; (220) -0.17 +3.3. VI. (220) -0.17 +0.6; (221) +0.11 -0.1; (222) +0.05 -0.6. VII. (221) +0.14 +0.1; (222) -0.13 -0.1. VIII. (218) -0.15 -3.8; (220) +0.16 +3.8. IX. (221) -0.17 -0.5; (222) +0.18 +0.5. X. (218) -0.03 -1.0; (220) +0.04 +1.1. XI. (221) +0.11 +2.3; (222) -0.11 -2.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
491	9	23 5 41.01	+ 2.936	+23 21 0.2	+ 19.494	(222.) R.
492	9	23 5 54.22	2.949	21 16 14.2	19.499	I. Ll. B.
493	9	23 5 55.76	2.941	22 31 27.6	19.499	II.
494	8. 9	23 6 26.57	2.936	23 19 24.9	19.511	(222.) B.
495	8	23 6 37.83	2.938	23 25 3.9	19.514	(222.) Ll. B.
496	9. 10	23 6 52.67	2.945	22 20 55.2	19.519	III.
497	7. 8	23 7 12.86	2.939	23 17 12.0	19.525	(222.) Ll. B. R.
498	9	23 7 40.90	2.939	23 34 10.8	19.534	(222.) B. R.
499	8	23 7 58.88	2.943	23 3 10.5	19.542	IV. B.
500	8. 9	23 8 19.15	2.939	23 36 26.5	19.548	(222.) Ll. B. R.
501	9. 10	23 8 39.84	2.955	21 21 36.8	19.554	V.
502	10	23 9 1.02	2.951	22 3 8.7	19.561	VI.
503	9	23 9 50.89	2.956	21 32 39.5	19.577	VII. B.
504	10	23 10 28.00	2.955	21 49 10.1	19.589	(221.)
505	9	23 10 32.15	2.959	21 29 52.8	19.590	VIII. B.
506	9	23 10 51.94	2.956	21 58 54.5	19.597	IX.
507	10	23 11 8.14	2.956	21 55 6.7	19.602	X.
508	9	23 11 29.38	2.956	22 1 58.7	19.608	XI. B.
509	9	23 11 37.67	2.957	22 15 8.8	19.610	(223.)
510	8	23 12 14.68	2.959	21 48 37.6	19.621	(221.)
511	8	23 12 16.95	2.953	23 0 25.2	19.622	(223.) B. R.
512	8	23 12 46.62	2.959	22 16 19.7	19.631	XII. B.

I. (217) +0.34 +0.1; (218) +0.11 +0.3; (219) -0.25 +0.8; (220) -0.18 -1.0. **II.** (220) +0.04 +0.9; (221) -0.04 -0.8. **III.** (219) -0.19 -1.7; (220) +0.07 +2.0; (221) +0.11 -0.3. **IV.** (221) -0.09 -0.3; (222) +0.10 +0.4. **V.** (216) +0.28 -4.5; (217) -0.04 -0.2; (218) -0.03 +0.4; (219) -0.33 +0.1; (220) +0.14 +4.9. **VI.** (219) +0.01 -2.1; (221) -0.01 +2.1. **VII.** (216) +0.28 -0.9; (217) +0.05 -0.8; (218) -0.33 +1.6; (220) +0.01 [+8.7]. **VIII.** (216) +0.33 -2.7; (217) +0.01 -1.0; (218) -0.42 -0.4; (220) +0.07 +4.0. **IX.** (217) +0.05 -1.4; (219) -0.18 -2.2; (220) +0.07 +3.3; (221) +0.01 +0.4. **X.** (216) +0.58 -2.7; (217) +0.08 -2.0; (219) -0.68 +0.1; (221) +0.04 +4.7. **XI.** (219) -0.10 -0.3; (220) +0.10 +0.4. **XII.** (218) -0.13 -2.9; (219) -0.19 +0.4; (220) +0.18 +1.7; (221) -0.03 -0.2; (223) +0.16 +1.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	s	° ′ ″	″	
513	10	23 12 51.72	+ 2.958	+22 28 6.6	+ 19.632	(219.)
514	9. 10	23 13 1.35	2.964	21 19 56.1	19.634	I. B. R.
515	7	23 13 13.01	2.955	22 55 13.4	19.638	II. Ll. B. R.
516	10	23 13 23.56	2.965	21 8 31.9	19.641	(216.) Doppelst. B.
417	10	23 13 45.40	2.962	22 11 1.0	19.648	III.
518	10	23 14 2.75	2.964	21 46 53.0	19.653	(219.)
519	10	23 14 34.54	2.966	21 50 22.8	19.662	IV.
520	8	23 14 48.36	2.961	22 43 51.9	19.666	(223.) Ll. B.
521	9	23 14 50.59	2.962	22 34 26.4	19.669	(221.)
522	10	23 15 7.52	2.967	21 39 48.0	19.672	(219.) R.
523	10	23 15 20.37	2.969	21 18 51.4	19.674	(217.)
524	9. 10	23 16 23.97	2.963	22 46 58.5	19.693	(223.)
525	9	23 16 43.32	2.968	22 25 27.5	19.698	V.
526	8	23 16 53.88	2.965	22 56 18.5	19.702	(221.) Ll. R.
527	9. 10	23 17 0.23	2.973	21 24 59.9	19.703	VI.
528	9	23 17 19.63	2.966	22 39 23.9	19.708	VII. R.
529	10	23 17 33.94	2.969	22 3 55.8	19.715	VIII.
530	9	23 17 39.77	2.971	22 14 11.7	19.715	IX. B.
531	10	23 17 43.21	2.969	22 40 56.0	19.715	X. B.
532	6	23 17 53.82	2.969	22 34 46.8	19.718	XI. Ll. B. R.
533	10	23 18 35.94	2.970	22 54 12.5	19.729	XII. B. R.
534	10	23 18 36.77	2.979	21 9 49.3	19.730	XIII.
535	9	23 19 11.54	2.970	22 52 19.6	19.738	XIV. B.
536	9. 10	23 19 13.72	2.975	21 52 16.5	19.739	XV. B.

I. (216) +0.25 -3.9; (217) -0.09 -0.2; (220) -0.17 +4.2. **II.** (221) -0.33 -0.4; (223) +0.33 +0.5. **III.** (217) +0.16 -1.1; (223) -0.15 +1.1. **IV.** (219) -0.47 -1.3; (220) +0.14 +0.7; (221) +0.33 +0.7. **V.** (219) -0.32 -0.8; (223) +0.32 +0.8. **VI.** (216) +0.02 +0.3; (217) -0.01 -0.2. **VII.** (221) +0.14 -2.9; (223) -0.14 +2.9. **VIII.** (217) -4.78 +0.7; (219) +4.79 -0.7. **IX.** (219) -0.10 -2.0; (220) +0.10 -1.2; (223) -0.01 +3.3. **X.** (221) -0.09 0.0; (223) +0.09 0.0. **XI.** (220) +0.28 +0.1; (221) +0.04 -1.5; (223) -0.32 +1.4. **XII.** (221) -0.03 -1.5; (223) +0.03 +1.5. **XIII.** (217) +0.09 +0.5; (219) -0.09 -0.4. **XIV.** (221) +0.16 -0.8; (223) -0.16 +0.9. **XV.** (216) -0.55 -2.2; (217) +0.20 +0.6; (220) +0.35 +1.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
537	9	23 19 32.43	+ 2.969	+ 23 38 35.4	+ 19.743	(223.) B. R.
538	8. 9	23 20 29.63	2.973	22 45 40.9	19.758	I. Ll. B. R.
539	9. 10	23 20 35.79	2.973	22 45 7.4	19.759	II. B. R.
540	10	23 20 54.21	2.984	21 1 0.9	19.764	III.
541	8	23 21 37.90	2.980	22 13 35.4	19.775	IV. B. R.
542	9	23 22 10.34	2.980	22 19 26.1	19.783	V.
543	10	23 22 31.51	2.986	21 23 11.2	19.787	(218.) R.
544	10	23 22 43.01	2.984	21 51 26.3	19.790	(219.)
545	10	23 22 51.27	2.984	21 54 33.0	19.792	VI.
546	8. 9	23 23 13.99	2.987	21 13 14.8	19.797	VII. Ll. B.
547	9	23 23 44.21	2.983	22 44 32.4	19.804	VIII.
548	9	23 24 24.36	2.983	22 48 51.7	19.814	IX.
549	8	23 25 0.11	2.984	23 1 3.7	19.821	X. Ll. B. R.
550	10	23 25 16.06	2.991	21 27 4.6	19.824	(217.) R.
551	10	23 25 45.04	2.984	23 34 6.8	19.831	(223.) B.
552	10	23 25 56.81	2.989	22 25 —	19.833	(219.)
553	6	23 25 57.91	2.992	21 40 18.2	10.834	XI. Ll. B. R.
554	8	23 26 6.15	2.985	23 30 49.9	19.835	(223.) Ll. B.
555	9	23 26 6.39	2.993	21 30 3.7	19.835	XII. Ll. B. R.
556	9	23 26 8.74	2.991	21 49 54.3	19.836	(218.)
557	10	23 27 3.17	2.996	21 6 55.1	19.848	(217.)
558	7	23 27 30.35	2.987	23 35 53.5	19.853	(223.) Ll. B.
559	10	23 27 48.05	2.996	22 51 56.1	19.857	XIII.
560	9	23 28 39.53	2.995	22 42 7.0	19.867	XIV. B.

I. (221) +0.21 +1.0; (223) -0.21 -1.0. **II.** (221) +0.08 +0.9; (223) -0.07 -0.8. **III.** (219) -0.44 -1.4; (220) +0.44 +1.4. **IV.** (220) -0.12 -0.1; (221) -0.02 -0.4; (223) +0.14 +0.4. **V.** (219) +0.03 -1.9; (220) -0.05 +1.7; (221) -0.08 -1.6; (223) +0.10 +2.0. **VI.** (220) -0.01 -1.8; (221) +0.01 +1.9. **VII.** (216) +0.28 -0.2; (218) -0.30 -0.1; (220) -0.38 +0.3. **VIII.** (221) -0.03 -1.0; (223) +0.03 +1.1. **IX.** (221) +0.01 +0.2; (223) 0.00 -0.2. **X.** (221) +0.01 +0.4; (223) 0.00 -0.4. **XI.** (216) +0.31 -2.5; (218) -0.19 -1.5; (220) +0.02 +2.5; (221) -0.13 +1.4. **XII.** (217) +0.17 -0.7; (219) -0.17 +0.7. **XIII.** (221) +0.04 -1.7; (223) -0.03 +1.8. **XIV.** (221) +0.03 -1.1; (223) -0.03 +1.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
561	9	23 28 58.32	+ 2.993	23 17 12.3	+ 19.871	(223.) B.
562	9	23 28 58.94	3.001	21 3 13.7	19.871	I. B.
563	9	23 29 47.29	3.002	21 24 42.8	19.880	II. Ll. B.
564	8. 9	23 29 49.30	3.001	21 39 44.1	19.881	(220.) Ll.
565	10	23 29 51.30	2.997	22 45 56.7	19.881	(221.)
566	9	23 30 8.71	3.002	21 29 57.7	19.885	(217.) R.
567	9. 10	23 30 12.83	3.002	21 26 15.2	19.886	III. B.
568	9	23 31 11.94	3.000	22 42 28.1	19.896	(221.)
569	7. 8	23 31 17.42	3.001	22 28 49.0	19.897	IV. Ll. B. R.
570	9	23 31 26.00	3.003	21 43 19.1	19.899	(218.) B.
571	9	23 32 57.50	3.008	21 40 2.1	19.916	V. B.
572	10	23 33 2.36	3.004	23 5 6.3	19.916	(221.)
573	10	23 33 16.82	3.007	21 58 5.0	19.919	(217.)
574	8	23 34 1.20	3.005	23 23 40.2	19.926	(223.) Ll. B. R.
575	9	23 34 36.09	3.008	23 9 40.8	19.932	VI. B.
576	9	23 34 41.56	3.006	23 23 32.8	19.933	(223.) B.
577	9. 10	23 35 25.73	3.014	21 17 32.7	19.940	VII.
578	9. 10	23 35 49.95	3.013	22 16 14.1	19.944	VIII.
579	9	23 35 50.73	3.009	23 37 6.6	19.944	(223.)
580	8. 9	23 36 8.53	3.017	21 6 34.7	19.947	IX. Ll. B.
581	10	23 37 14.18	3.014	23 3 27.1	19.956	(221.)
582	10	23 38 34.97	3.021	22 5 47.8	19.967	(217.)
583	9	23 38 47.23	3.017	23 37 37.9	19.968	(223.)
584	9	23 38 48.86	3.017	22 37 2.8	19.969	X. B.
585	10	23 39 33.92	3.025	21 26 23.5	19.975	XI.

I. (217) +0.08 +0.2; (218) -0.07 -0.1. **II.** (217) +0.01 -0.1; (218) 0.00 +1.1. **III.** (217) -0.91 -2.1; (220) +0.91 +2.1. **IV.** (220) -0.26 +1.4; (221) +0.20 -1.8; (223) +0.07 +0.4. **V.** (218) -0.08 -3.2; (219) +0.04 +1.8; (220) +0.04 +1.3. **VI.** (221) +0.10 -0.3; (223) -0.10 +0.4. **VII.** (218) -0.59 —; (219) +0.03 -0.2; (220) +0.57 +0.2. **VIII.** (219) -0.15 +1.5; (221) +0.15 -1.4. **IX.** (217) +0.18 -2.5; (218) -0.17 +2.6. **X.** (219) 0.00 +0.4; (221) +0.12 -1.2; (223) -0.12 +0.7. **XI.** (218) +0.02 -3.9; (219) -0.02 +3.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
586	9	23 39 39.40	+ 3.021	+23 5 56.2	+ 19.975	(221.) B.
587	10	23 40 57.76	3.024	22 40 40.2	19.986	(219.)
588	8	23 41 43.19	3.028	22 1 19.4	19.991	I. B. R.
589	9	23 41 47.16	3.028	23 2 41.8	19.991	221.) B.
590	9. 10	23 41 51.46	3.027	22 35 41.6	19.991	(219.)
591	10	23 42 3.20	3.028	21 59 9.4	19.992	(217.)
592	8. 9	23 42 33.97	3.029	22 57 46.8	19.996	(221.) Ll. B.
593	10	23 42 54.94	3.032	21 11 33.8	19.998	(219.)
594	9	23 43 45.89	3.035	22 27 48.6	20.005	II. B.
595	10	23 43 59.27	3.033	22 11 43.1	20.006	(217.)
596	9	23 45 4.07	3.035	22 8 29.9	20.012	III.
597	9	23 45 29.54	3.035	22 15 15.3	20.015	(218.) B.
598	9. 10	23 46 28.24	3.036	22 40 8.0	20.020	IV.
599	9	23 46 51.03	3.040	22 5 13.2	20.022	(218.)
600	9. 10	23 47 25.22	3.039	22 14 35.1	20.024	V. R.
601	10	23 47 46.12	3.043	21 21 52.0	20.027	(220.) B.
602	9	23 48 26.91	3.041	22 36 49.9	20.030	(219.)
603	9	23 48 30.28	3.042	22 3 5.4	20.030	VI.
604	7. 8	23 49 3.31	3.045	21 48 48.4	20.032	VII. Ll. B. R.
605	10	23 49 5.34	3.045	21 56 6.5	20.033	VIII. R.
606	9	23 49 36.17	3.048	21 10 41.8	20.035	(217.) B.
607	8. 9	23 49 40.33	3.048	21 32 10.4	20.035	(220.) Ll. B. R.
608	9. 10	23 50 8.94	3.047	22 2 52.5	20.037	IX.
609	10	23 50 56.72	3.050	21 31 32.6	20.039	(218.)
610	9	23 51 27.86	3.050	21 21 14.1	20.040	X. B.

I. (217) +0.13 +2.0; (218) 0.00 -2.6; (220) -0.13 +0.8. II. (217) -0.42 [+82.5]; (220) +0.31 +1.3; (221) +0.10 -1.2. III. (217) +0.07 -0.7; (218) -0.02 +0.7; (219) -0.18 -2.5; (221) +0.12 +2.7. IV. (219) -0.11 -1.9; (220) +0.12 +0.4; (221) -0.02 +1.6. V. (219) -0.17 +3.5; (220) +0.06 -3.4; (221) +0.11 -0.2. VI. (218) +0.17 -1.5; (219) -0.17 +1.5. VII. (218) -0.05 -5.3; (219) +0.06 +2.4; (220) -0.01 +2.9. VIII. (218) +0.20 -0.5; (220) -0.19 +0.5. IX. (218) +0.03 -3.0; (219) -0.04 +3.1; (221) +0.01 -0.1. X. (218) +0.10 -1.1; (220) -0.09 +1.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
611	10	23 51 26.44	+ 3.050	+ 22 37 17.8	+ 20.040	(219.)
612	9	23 52 35.32	3.053	22 41 41.7	20.044	(221.) B.
613	8. 9	23 53 7.15	3.053	22 42 14.7	20.045	(221.) Ll. B.
614	9	23 53 18.96	3.054	21 53 45.4	20.046	I.
615	10	23 53 49.73	3.057	21 34 46.1	20.048	(220.)
616	9	23 54 21.39	3.056	22 56 44.7	20.049	(221.) B.
617	10	23 54 44.09	3.058	23 3 26.6	20.049	(221.) B.
618	10	23 55 28.46	3.059	21 33 58.0	20.051	(220.)
619	10	23 55 37.09	3.061	21 36 25.8	20.051	II.
620	10	23 55 39.90	3.061	22 41 3.3	20.051	(221.) B. R.
621	10	23 55 41.60	3.061	22 44 24.1	20.051	(221.) B.
622	9	23 56 12.22	3.061	21 27 45.3	20.052	(220) Ll. B.
623	8. 9	23 56 38.76	3.064	21 44 1.6	20.053	III. Ll. B.
624	10	23 56 45.89	3.064	11 23 35.6	20.053	(217.)
625	8. 9	23 57 10.39	3.063	22 26 4.7	20.053	IV. B.
626	10	23 57 42.82	3.066	21 47 1.9	20.054	(220.)
627	9	23 59 4.35	3.068	22 39 29.9	20.055	V.
628	8. 9	23 59 19.88	3.068	22 0 37.0	20.055	VI. B.
629	9. 10	23 59 33.57	3.070	22 47 4.2	20.055	(221.) B.
630	10	23 59 40.87	3.070	22 38 12.2	20.055	(220.)

I. (219) +0.01 -0.6; (220) 0.00 +0.6. **II.** (219) -0.08 -3.0; (220) +0.08 +3.0. **III.** (219) -0.18 -0.5; (221) +0.19 +0.5. **IV.** (219) -0.40 -1.6; (221) +0.41 +1.6. **V.** (219) -0.26 +0.4; (220) +0.26 -0.4. **VI.** (217) -0.03 -0.3; (219) +0.07 +0.8; (221) -0.05 -0.4.

III. Stern-Verzeichniss

Declination von -15° 0′ bis -21° 0′.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1	9	0 0 36.67	+ 3.070	- 15 39 33.0	+ 20.055	(345.) Ll.
2	9. 10	0 1 56.35	3.068	15 0 41.9	20.054	(345.) B.
3	8. 9	0 7 0.96	3.059	15 38 15.0	20.045	(345.) Ll.
4	8	0 7 10.62	3.059	15 0 34.9	20.045	(345.) Ll. B.
5	10	0 7 54.99	3.058	15 3 23.0	20.042	(345.)
6	10	0 10 27.27	3.055	15 8 42.1	20.034	(345.)
7	10	0 11 45.69	3.050	15 39 55.0	20.028	(345.)
8	9	0 19 36.07	3.039	15 4 46.1	19.981	(345.) B.
9	9	0 21 39.43	3.034	15 53 29.5	19.965	(345.) Ll.
10	8	0 22 15.62	3.034	15 41 33.2	19.960	(345.) Ll. R.
11	10	0 22 25.03	3.035	15 15 12.4	19.959	(345.)
12	10	0 25 4.19	3.030	15 43 46.3	19.935	(345.)
13	10	0 26 9.08	3.030	15 9 36.4	19.924	(345.)
14	10	0 31 6.11	3.022	15 3 33.4	19.870	(345.)
15	10	0 43 14.84	3.001	15 39 15.9	19.698	(345.)
16	9	4 57 47.63	2.722	15 9 31.8	5.377	(347.) B.
17	9	5 1 25.22	2.717	15 17 38.1	5.071	(347.) Ll.
18	10	5 1 52.02	2.707	15 41 14.8	5.033	(347.)
19	10	5 3 47.08	2.701	15 53 55.7	4.870	(347.)
20	10	5 9 57.69	2.715	15 15 36.7	4.345	(347.)
21	10	5 10 47.08	2.711	15 22 52.2	4.275	(347.) } Doppelst.
22	9	5 10 48.50	2.711	15 23 3.2	4.274	(347.) Ll. } Doppelst.
23	10	5 17 2.55	2.713	15 14 29.0	3.737	(347.)
24	9	5 25 21.46	2.700	15 40 52.2	3.020	(347.) Ll.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
25	10	5 25 42.61	+ 2.701	- 15 36 17.2	+ 2.989	(347.)
26	9. 10	5 27 22.45	2.706	15 23 18.4	2.846	(347.) Ll.
27	8	5 28 42.05	2.695	15 50 20.5	2.731	(347.) Ll.
28	10	5 29 26.82	2.697	15 45 24.7	2.666	(347.) Ll.
29	9	5 34 5.86	2.711	15 8 1.3	2.261	(347.)
30	9. 10	5 34 14.39	2.703	15 27 35.8	2.250	(347.)
31	8. 9	5 34 49.48	2.705	15 24 53.9	2.199	(347.) Ll.
32	9	5 35 6.29	2.697	15 42 8.4	2.172	(347.) Ll.
33	10	5 35 13.54	2.698	15 38 7.3	2.162	(347.)
34	9	5 38 15.33	2.708	15 15 21.8	1.901	(347.) Ll.
35	10	5 38 23.32	2.708	15 13 28.8	1.890	(347.)
36	10	5 38 49.13	2.711	15 6 36.8	1.851	(347.) Ll. B.
37	10	5 38 53.36	2.710	15 8 56.9	1.846	(347.)
38	10	5 39 13.44	2.706	15 17 45.1	1.816	(347.)
39	10	5 39 51.40	2.713	15 2 20.1	1.761	(347.)
40	10	5 40 33.28	2.705	15 19 48.7	1.700	(347.)
41	9	5 40 41.30	2.706	15 18 30.6	1.689	(347.) Ll.
42	10	5 43 41.45	2.700	15 32 50.0	1.428	(347.)
43	10	5 45 52.61	2.708	15 11 19.3	1.234	(347.) Ll.
44	10	5 46 8.83	2.710	15 6 48.3	1.210	(347.) B.
45	8. 9	5 47 39.33	2.694	15 45 50.6	1.079	(347.) Ll.
46	10	5 49 0.29	2.708	15 12 42.3	0.962	(347.) B.
47	10	5 49 18.26	2.701	15 26 45.7	0.935	(347.)
48	9	5 49 24.28	2.699	15 32 51.9	0.927	(347.) Ll.
49	8. 9	5 50 54.20	2.702	15 25 31.2	0.796	(347.) Ll.
50	10	5 51 30.19	2.701	15 26 18.4	0.743	(347.)
51	9. 10	5 54 44.30	2.699	15 32 41.6	0.460	(347.) Ll.
52	8	5 54 54.34	2.697	15 35 37.7	0.445	(347.) Ll.
53	9	5 57 21.57	2.695	15 40 39.7	0.230	(347.)
54	10	5 59 50.35	2.709	15 7 12.7	+ 0.014	(347.) B.
55	10	6 0 42.10	2.706	15 14 46.1	- 0.061	(347.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
56	10	6 1 3.80	+ 2.708	- 15 10 54.4	+ 0.093	(347.)
57	9	6 2 22.88	2.695	15 40 46.3	0.208	(347.) Ll.
58	9. 10	6 6 14.68	2.708	15 10 55.9	0.546	(347.)
59	7. 8	6 6 22.24	2.704	15 20 45.2	0.556	(347.) Ll.
60	9. 10	6 6 37.58	2.710	15 6 37.9	0.580	(347.) Ll.
61	9. 10	6 6 38.92	2.702	15 24 52.3	0.581	(347.) Ll.
62	10	6 6 55.25	2.705	15 18 26.3	0.605	(347.) Ll.
63	10	6 9 1.95	2.704	15 20 41.1	0.790	(347.)
64	10	6 9 17.08	2.706	15 14 18.0	0.812	(347.)
65	9	6 9 44.21	2.711	15 4 31.8	0.852	(347.)
66	9. 10	6 10 3.33	2.701	15 27 26.6	0.879	(347.)
67	9. 10	6 13 2.45	2.713	15 0 23.0	1.139	(347.) B.
68	9	6 18 20.15	2.712	15 3 32.8	1.603	(347.) Ll. B.
69	9. 10	6 19 22.23	2.713	15 2 9.1	1.693	(347.)
70	9. 10	6 30 25.16	2.706	15 22 25.2	2.654	(347.)
71	9. 10	6 33 44.79	2.694	15 52 35.7	2.942	(347.)
72	9	6 39 20.96	2.705	15 29 8.4	3.426	(347.)
73	9	6 39 21.01	2.707	15 26 8.2	3.426	(347.)
74	9	6 40 29.95	2.695	15 54 21.3	3.525	(347.)
75	9. 10	6 24 34.83	2.714	15 9 57.7	3.618	(347.)
76	10	6 42 4.05	2.714	15 11 14.8	3.660	(347.)
77	10	6 42 23.04	2.714	15 12 27.9	3.687	(347.)
78	10	6 45 21.56	2.717	15 5 43.8	3.945	(347.)
79	9	7 56 23.71	2.738	15 52 55.0	9.753	(354.)
80	8. 9	7 57 6.93	2.738	15 55 25.2	9.808	(354.) Ll.
81	7	8 2 23.09	2.759	15 8 2.7	10.207	(354.) Ll. B.
82	9	8 3 10.09	2.757	15 15 44.1	10.265	(354.)
83	9. 10	8 4 5.75	2.753	15 28 23.6	10.335	(254.)
84	9	8 4 24.69	2.745	15 52 1.3	10.359	(354.)
85	9	8 5 11.39	2.760	15 12 34.7	10.416	(354.) B. } Doppelst.
86	9	8 5 12.59	2.760	15 12 43.7	10.419	(354.) B. }

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
87	9	8 6 26.51	+ 2.758	− 15 20 19.1	− 10.511	(354.) Ll.
88	9. 10	8 7 32.91	2.765	15 5 1.1	10.594	(354.)
89	9. 10	8 15 4.40	2.765	15 28 15.8	11.147	(354.)
90	9. 10	8 15 59.10	2.760	15 39 10.3	11.214	(354.)
91	9	8 17 6.14	2.768	15 18 55.2	11.294	(354.)
92	9	8 17 36.75	2.774	15 4 50.0	11.331	(354.) Ll.
93	9	8 22 6.59	2.779	15 1 51.2	11.654	(354.) B.
94	7	8 23 57.70	2.774	15 20 0.2	11.786	(354.) Ll.
95	9	8 24 9.51	2.771	15 30 3.5	11.800	(354.)
96	9	8 24 10.59	2.773	15 22 33.3	11.801	(354.)
97	9	8 26 47.08	2.765	15 53 12.9	11.984	(354.)
98	9	8 32 14.10	2.728	15 30 24.9	12.363	(354.) Ll.
99	5	8 24 46.07	2.783	15 24 24.3	12.537	(354.) Ll.
100	9. 10	8 35 21.84	2.782	15 30 24.6	12.578	(354.)
101	9	8 35 43.36	2.783	15 26 57.6	12.602	(354.)
102	8. 9	8 36 54.30	2.785	15 24 55.9	12.683	(354.)
103	9	8 40 26.88	2.781	15 14 36.7	12.920	(354.) B.
104	7	8 47 58.87	2.801	15 12 46.5	13.417	(354.) Ll. B.
105	9	8 48 22.42	2.793	15 34 40.2	13.442	(354.)
106	9	8 49 19.67	2.794	15 35 16.5	13.505	(354.)
107	6	8 51 41.77	2.798	15 33 43.1	13.658	(354.) Ll.
108	8	8 52 15.64	2.791	15 55 20.7	13.694	(354.) Ll.
109	9	8 57 20.52	2.808	15 19 11.2	14.016	(354.)
110	8. 9	8 59 20.42	2.807	15 31 10.9	14.140	(354.)
111	9	9 0 12.34	2.816	15 3 41.5	14.193	(354.) B.
112	6	9 1 43.34	2.808	15 40 10.7	14.286	(354.) Ll.
113	9	9 23 51.38	2.844	15 4 53.3	15.577	(354.) Ll. B.
114	9. 10	9 25 32.07	2.839	15 34 53.3	15.669	(317.)
115	9	9 26 56.98	2.848	15 1 10.7	15.746	1.
116	8	9 27 32.19	2.839	15 42 36.1	15.778	(354.)

1. (317) −0.27 +0.9; (354) +0.27 −1.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
117	9	9 28 14.20	+ 2.841	- 15 36 26.1	+ 15.815	(354.)
118	9	9 28 29.79	2.844	15 24 32.7	15.830	I.
119	8. 9	9 30 34.42	2.852	15 1 36.7	15.940	II. Ll. B.
120	9	9 31 15.37	2.852	15 5 44.5	15.977	III. Ll. B.
121	8	9 32 23.35	2.851	15 17 7.5	16.036	IV. Ll. B.
122	9. 10	9 33 11.26	2.846	15 40 8.0	16.079	V.
123	8. 9	9 36 11.57	2.850	15 38 31.9	16.235	(354.)
124	10	9 36 52.86	2.849	15 47 41.2	16.269	VI.
125	9. 10	9 37 43.10	2.855	15 30 48.7	16.312	VII. Ll.
126	10	9 37 47.38	2.853	15 37 21.8	16.316	(317.)
127	8. 9	9 39 3.33	2.851	15 53 54.0	16.380	(354.)
128	9	9 39 42.53	2.853	15 51 57.1	16.413	(354.)
129	10	9 40 54.43	2.866	15 2 23.7	16.473	(317.)
130	10	9 41 28.80	2.861	15 23 55.4	16.502	(317.)
131	9	9 41 38.55	2.857	15 44 45.3	16.510	(354.)
132	9	9 43 53.16	2.868	15 10 48.0	16.620	(354.) Ll. B.
133	?	9 44 16.92	2.858	15 51 23.1	16.640	(354.) Ll.
134	8	9 44 50.69	2.860	15 49 46.2	16.668	(354.) Ll.
135	10	9 45 33.10	2.864	15 40 42.1	16.701	(354.) Ll.
136	9	9 45 41.49	2.870	15 12 17.4	16.708	(354.)
137	9	9 46 13.70	2.872	15 2 33.6	16.734	VIII. Ll.
138	10	9 47 12.12	2.870	15 19 47.8	16.781	(317.)
139	10	9 47 18.70	2.870	15 18 53.9	16.786	(317.)
140	8	9 47 50.28	2.869	15 29 11.9	16.811	IX.
141	10	9 48 44.53	2.877	15 0 8.4	16.854	(318.) B.
142	10	9 48 56.77	2.866	15 45 43.9	16.864	(317.)
143	10	9 49 24.61	2.875	15 10 4.2	16.868	(317.) B.

I. (317) -0.29 -3.1; (354) +0.30 +3.1. **II.** (317) -0.31 -0.2; (354) +0.32 +0.1; **III.** (317) -0.26 -0.7; (354) +0.26 +0.7. **IV.** (317) -0.25 -1.3; (354) +0.25 +1.2. **V.** (317) +0.14 -2.8; (354) -0.13 +2.7. **VI.** (317) -0.36 -1.1; (354) +0.37 +1.0. **VII.** (317) -0.13 +0.1; (354) +0.13 -0.2. **VIII.** (317) -0.19 -1.5; (354) +0.20 +1.5. **IX.** (317) -0.27 -2.4; (354) +0.27 +2.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850.	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
144	10	9 49 42.13	+ 2.875	− 15 11 43.6	+ 16.890	I. B.
145	8	9 49 47.11	2.875	15 10 44.2	16.904	(354.) B.
146	8. 9	9 49 56.63	2.875	15 10 52.2	16.911	II. B.
147	10	9 49 59.72	2.875	15 10 14.5	16.913	III. B.
148	10	9 50 53.43	2.875	15 14 5.5	16.954	IV.
149	10	9 51 14.38	2.877	15 11 21.6	16.971	V.
150	8	9 51 57.13	2.877	15 17 45.9	17.005	VI. Ll.
151	10	9 52 29.24	2.874	15 31 40.4	17.029	(317.)
152	9	9 52 38.31	2.873	15 34 6.5	17.036	VII.
153	9. 10	9 53 12.00	2.873	15 34 28.1	17.063	VIII.
154	10	9 53 41.02	2.881	15 12 1.1	17.085	IX.
155	9	9 55 17.49	2.881	15 17 41.8	17.158	(317.)
156	8. 9	10 8 1.54	2.898	15 23 46.5	17.708	(318.)
157	10	10 9 23.09	2.902	15 7 21.5	17.764	(318.)
158	9	10 13 20.36	2.903	15 35 49.1	17.921	(318.)
159	9. 10	10 15 46.32	2.909	15 24 43.3	18.016	(318.)
160	9. 10	10 16 6.90	2.908	15 28 47.4	18.029	(318.)
161	9	10 18 39.61	2.908	15 52 40.6	18.126	(318.) Ll.
162	9	10 19 24.47	2.911	15 36 36.4	18.153	(318.)
163	9	10 20 32.47	2.919	15 9 13.9	18.195	(318.) Ll. B.
164	9. 10	10 21 13.73	2.917	15 23 27.4	18.220	(318.) Ll.
165	10	10 21 38.33	2.918	15 22 54.5	18.235	(318.)
166	9	10 22 55.08	2.914	15 54 24.5	18.281	(318.)
167	9. 10	10 25 45.09	2.927	15 2 46.8	18.381	(318.)
168	10	10 27 29.87	2.928	15 9 55.3	18.442	(318.)
169	10	10 28 0.87	2.926	15 27 55.9	18.461	(318.)
170	10	10 32 38.07	2.933	15 32 36.9	18.615	(318.) Ll.

I. (317) −0.02 +1.4; (318) +0.03 −1.5. II. (317) +0.11 −0.1; (318) −0.10 0.0. III. (317) −0.01 −0.8; (318) −0.26 −2.7; (354) +0.27 [+ 3.5]. IV. (317) +0.11 +0.9; (318) −0.10 −1.0. V. (317) +0.06 +0.9; (318) −0.05 −0.9. VI. (317) +0.10 +0.9; (318) −0.10 −0.9. VII. (317) 0.00 +0.9; (318) 0.00 −0.9. VIII. (317) +0.31 +0.4; (318) −0.30 −0.4. IX. (317) +0.31 −1.1; (318) −0.30 +1.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
171	9	10 32 47.72	+ 2.932	- 15 36 15.0	- 18.821	(318.) Ll.
172	8. 9	10 42 28.35	2.948	15 24 32.4	18.916	(318.)
173	10	10 44 15.66	2.954	15 3 8.1	18.969	(318.) B.
174	8	10 45 17.32	2.949	15 47 29.5	18.998	(318.) Ll.
175	9	10 45 36.79	2.952	15 35 11.2	19.007	(318.) Ll.
176	9	10 46 6.97	2.957	15 1 28.4	19.021	(318.) B.
177	10	10 47 36.20	2.947	16 40 12.9	19.062	(282.)
178	9	10 49 22.30	2.949	16 38 46.1	19.110	(282.) Ll.
179	10	10 49 31.26	2.941	17 41 32.6	19.118	(282.)
180	9. 10	10 50 10.51	2.944	17 30 15.8	19.130	(282.)
181	9	10 51 52.83	2.952	16 40 14.6	19.175	(282.) Ll.
182	8	10 52 6.21	2.962	15 32 58.4	19.180	(318.) Ll.
183	4	10 52 28.35	2.948	17 30 1.1	19.189	(282.) Ll.
184	10	10 52 30.90	2.955	16 30 50.9	19.190	(282.)
185	9. 10	10 56 6.49	2.971	15 5 16.1	19.280	(318.) Ll. B.
186	9	10 57 15.95	2.970	15 26 28.8	19.309	(318.) Ll.
187	9. 10	10 58 44.43	2.975	15 10 30.6	19.342	(318.) Ll. B.
188	9. 10	10 59 11.75	2.976	15 1 29.5	19.353	(318.) Ll.
189	10	10 59 58.31	2.965	16 58 22.6	19.370	(282.)
190	8	11 0 24.25	2.977	15 13 0.9	19.381	(318.)
191	8	11 0 49.55	2.978	15 8 50.8	19.390	(318.)
192	10	11 1 2.16	2.965	17 18 12.2	19.395	(282.)
193	10	11 2 41.35	2.971	16 45 12.8	19.431	(282.)
194	9	11 3 8.68	2.978	15 38 22.0	19.442	(318.)
195	10	11 3 27.84	2.971	16 52 47.9	19.447	(282.)
196	10	11 4 9.52	2.966	17 50 20.0	19.462	(282.)
197	7	11 5 4.49	2.970	17 37 7.2	19.482	(282.) Ll.
198	9. 10	11 5 11.92	2.969	17 41 1.0	19.484	(282.)
199	10	11 5 47.50	2.973	17 20 31.3	19.496	(282.)
200	8. 9	11 6 42.98	2.982	16 4 22.7	19.515	(282.)
201	10	11 7 13.33	2.981	16 21 44.4	19.525	(282.)

-15° -21°

Nummer	Grösse	AR 1850			Präcession 1850	Declination 1850			Präcession 1850	Bemerkungen
		h	'	"	"	°	'	"	"	
202	10	11	7	55.28	+ 2.980	+16	40	33.0	- 19.539	(282)
203	10	11	8	10.88	2.987	15	31	52.5	19.544	(318.) Ll.
204	8. 9	11	8	12.36	2.987	15	31	58.5	19.545	(318.) Ll.
205	10	11	10	39.70	2.985	16	45	31.6	19.592	(282.)
206	10	11	12	22.81	2.985	17	5	7.8	19.623	(282.)
207	9	11	15	12.47	2.999	15	20	35.1	19.673	(318.) Ll. B.
208	9. 10	11	16	2.46	2.993	16	47	54.5	19.687	(282.) Ll.
209	6	11	17	23.52	2.995	16	52	41.3	19.710	(282.) Ll. R.
210	10	11	18	8.63	2.998	16	35	32.9	19.723	(282.)
211	10	11	18	48.70	2.997	17	16	17.6	19.734	(282.)
212	10	11	19	43.02	2.997	17	26	38.6	19.746	(282.)
213	9. 10	11	19	54.78	2.996	17	41	40.9	19.749	(282.)
214	10	11	20	18.71	2.998	17	19	39.0	19.754	(282.) Ll.
215	8	11	20	41.40	3.010	15	3	42.2	19.760	(318.) Ll. B.
216	10	11	20	44.89	2.997	17	49	2.7	19.761	(282.)
217	10	11	20	51.60	2.999	17	33	10.3	19.763	(282.)
218	10	11	22	11.65	3.001	17	35	16.6	19.783	(282.)
219	9. 10	11	22	26.16	3.003	16	56	33.2	19.786	(282.) Ll.
220	9. 10	11	22	28.53	3.003	17	3	30.8	19.787	(282.) Ll.
221	10	11	22	51.43	3.005	16	56	5.2	19.792	(282.)
222	10	11	24	11.92	3.008	16	43	42.3	19.810	(282.)
223	8	11	26	41.41	3.017	15	26	57.5	19.843	(318.)
224	8. 9	11	27	30.26	3.019	15	13	0.2	19.853	(318.)
225	9	11	27	33.14	3.018	15	34	20.8	19.854	(318.)
226	10	11	28	11.59	3.014	17	5	53.6	19.861	(282.)
227	8. 9	11	28	56.68	3.019	16	1	3.9	19.870	(282.) Ll.
228	9	11	30	32.46	3.016	17	21	43.2	19.889	(282.) Ll.
229	8	11	33	34.68	3.024	16	52	19.8	19.922	(282.) Ll.
230	9	11	34	43.53	3.028	16	11	10.3	19.934	(282.)
231	10	11	35	9.60	3.025	17	37	21.9	19.938	(282.)
232	10	11	36	19.05	3.026	17	43	47.6	19.948	(282.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
233	?	11 37 9.98	+ 3.028	− 17 31 0.5	− 19.955	(282.) Ll. R.
234	8. 9	13 45 7.27	3.232	15 15 15.9	17.982	(357.) Ll. B.
235	10	13 45 37.37	3.232	15 12 4.8	17.962	(357.)
236	9	13 47 29.89	3.236	15 24 17.0	17.888	(357.) Ll.
237	9. 10	13 47 37.63	3.236	15 19 24.8	17.883	(357.) Ll. B.
238	9. 10	13 48 21.89	3.238	15 27 35.0	17.855	(357.)
239	9	13 49 36.22	3.238	15 19 56.5	17.805	(357.) B.
240	9	13 50 38.98	3.238	15 10 15.5	17.763	(357.) B.
241	9	13 54 26.88	3.244	15 9 54.1	17.614	(357.) B.
242	8	13 59 40.34	3.255	15 28 21.0	17.383	(357.) Ll.
243	9. 10	14 0 10.51	3.260	15 51 24.4	17.360	(357.)
244	10	14 4 22.91	3.257	15 9 43.1	17.173	(357.)
245	9	14 4 48.01	3.261	15 20 34.3	17.154	(357.)
246	9. 10	14 5 13.40	3.265	15 39 7.6	17.135	(357.)
247	10	14 6 1.21	3.277	15 46 18.7	17.098	(357.)
248	10	14 8 33.21	3.265	15 21 4.9	16.981	(357.)
249	8. 9	14 8 47.00	3.271	15 44 23.4	16.969	(357.)
250	9	14 9 37.13	3.266	15 19 33.7	16.930	(357.)
251	10	14 10 55.94	3.265	15 3 2.3	16.869	(357.)
252	9. 10	14 13 22.18	3.275	15 33 48.1	16.753	(357.)
253	10	14 14 23.19	3.269	15 3 15.9	16.705	(357.)
254	7. 8	14 15 44.94	3.276	15 25 2.1	16.638	(357.) Ll.
255	8. 9	14 17 43.11	3.281	15 37 4.2	16.542	(357.) Ll.
256	8	14 19 12.29	3.277	15 8 8.4	16.472	(357.) Ll. B.
257	10	14 19 58.22	3.282	15 26 1.7	16.430	(357.)
258	9. 10	14 20 15.36	3.285	15 37 51.9	16.416	(357.)
259	9	14 25 37.83	3.283	15 1 58.9	16.141	(357.)
260	9	14 28 25.12	3.298	15 46 49.1	15.995	(357.)
261	8	14 28 57.12	3.300	15 52 46.1	15.967	(357.)
262	8	14 30 8.03	3.302	15 53 19.9	15.905	(357.)
263	9	14 30 22.21	3.302	15 51 17.9	15.891	(357.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
264	7	14 32 15.35	+ 3.299	- 15 33 26.9	-15.789	I. Ll.
265	9	14 32 47.65	3.295	15 13 18.7	15.761	(357.)
266	10	14 34 9.43	3.202	15 33 34.0	15.688	(357.)
267	9	14 35 56.75	3.297	15 4 57.2	15.588	(357.)
268	9	14 38 43.94	3.312	15 50 20.7	15.435	(357.)
269	?	14 42 44.86	3.313	15 34 51.7	15.206	(388.)
270	8	14 46 11.07	3.320	15 46 35.5	15.009	(357.) Ll.
271	9. 10	14 47 43.34	3.311	15 3 42.7	14.919	(388.) Ll. B.
272	10	14 48 24.18	3.310	15 1 21.5	14.879	(388.) Ll.
273	8	14 48 39.34	3.322	15 42 7.1	14.865	(357.) Ll.
274	8	14 48 47.06	3.326	15 54 24.3	14.857	(357.) Ll.
275	8	14 49 18.78	3.325	15 48 9.1	14.826	(357.) Ll.
276	9	14 49 53.13	3.327	15 52 50.6	14.793	II.
277	8	14 50 29.77	3.327	15 50 39.0	14.756	(357.)
278	8	14 51 29.77	3.317	15 11 24.0	14.697	(357.) B.
279	9	14 53 13.61	3.321	15 20 6.0	14.593	III. Ll.
280	7	14 58 15.53	3.333	15 40 15.8	14.288	(388.) Ll.
281	7	14 58 26.79	3.388	15 53 56.4	14.276	(388.) Ll.
282	10	14 59 6.89	3.338	15 53 15.1	14.236	(388.)
283	9	15 1 32.20	3.327	15 7 47.3	14.085	(324.) Ll. B.
284	9. 10	15 2 0.92	3.340	15 39 15.4	14.056	(388.)
285	7	15 3 27.11	3.338	15 35 14.6	13.966	IV. Ll.
286	9	15 3 57.19	3.343	15 50 25.7	13.933	(388.) Ll.
287	8	15 4 4.47	3.331	15 8 46.1	13.926	(389.) Ll. B.
288	9	15 6 4.54	3.338	15 26 19.5	13.800	V.
289	9. 10	15 8 12.09	3.350	15 58 7.9	13.646	(324.)
290	9	15 8 39.41	2.867	15 1 15.5	13.634	(324.) B.
291	9	15 18 41.39	2.847	15 15 4.4	12.978	(324.) Ll.

I. (357) +0.47 -1.4; (388) -0.46 +1.4. II. (357) +0.54 -1.6; (388) -0.54 +1.5. III. (357) +0.42 -0.9; (388) -0.41 +0.9. IV. (388) -0.03 -0.3; (389) +0.04 +0.3. V. (388) +0.06 -0.8; (389) -0.05 +0.7

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
292	8	15 20 14.69	+ 3.348	- 15 10 39.9	- 12.874	(324.) Ll.
293	7. 8	15 22 38.92	3.364	15 19 43.8	12.712	I. Ll. B.
294	10	15 22 53.29	3.353	15 14 52.3	12.696	(389.) B.
295	9. 10	15 24 14.01	3.351	15 5 55.9	12.605	II.
296	9. 10	15 25 50.89	3.365	15 42 23.0	12.495	(388.)
297	8	15 28 29.50	3.353	15 0 41.9	12.312	(389.) Ll. B.
298	8	15 33 14.78	3.359	15 4 14.5	11.981	(389.) B.
299	6. 7	15 34 20.32	3.369	15 31 29.6	11.095	(389.) Ll.
300	8	15 35 49.99	3.368	15 25 27.9	11.800	(389.) Ll.
301	10	15 36 38.04	3.367	15 17 49.9	11.742	(389.) R.
302	10	15 39 41.51	3.372	15 24 24.6	11.525	(388.)
303	9	15 40 5.54	3.365	15 4 12.7	11.496	(389.)
304	10	15 40 7.30	3.370	15 17 18.2	11.493	(388.)
305	9. 10	15 41 29.11	3.375	15 30 32.9	11.396	(389.)
306	10	15 42 20.11	3.377	15 31 38.8	11.335	389.)
307	9. 10	15 45 42.56	3.373	15 12 48.3	11.039	III. B.
308	9	15 46 28.66	3.390	16 — —	11.035	(389.)
309	9. 10	15 49 47.28	3.373	15 2 23.1	10.790	(388.)
310	6. 7	15 49 47.60	3.348	13 50 31.7	10.790	(389.)
311	10	15 51 46.53	3.389	15 43 51.2	10.644	(389.)
312	10	15 52 52.29	3.379	15 11 0.3	10.561	(388.)
313	10	15 54 8.44	3.377	15 3 55.8	10.467	(389.)
314	9	15 57 37.96	3.380	15 3 25.5	10.205	(325.) B.
315	9	15 57 37.73	3.380	15 3 24.4	10.205	(389.) B.
316	8. 9	15 59 10.99	3.385	15 13 58.4	10.089	(325.)
317	9	16 0 10.94	3.396	15 41 21.7	10.013	(325.)
318	9. 10	16 4 54.66	3.393	15 33 5.5	9.653	IV.
319	10	16 5 55.95	3.392	15 19 8.6	9.574	(325.)
320	10	16 5 59.17	3.393	15 21 23.5	9.570	(325.)

I. (388) -0.05 -5.3; (389) +0.05 +5.3. II. (388) +0.03 -0.3; (389) -0.04 +0.3.
III. (388) +0.03 -0.9; (389) -0.02 +0.8. IV. (325) -0.01 +1.7; (388) +0.01 -1.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
321	8. 9	16 7 16.93	+ 3.391	− 15 12 46.4	− 9.470	(388.) Ll. B.
322	10	16 8 56.06	3.389	15 4 7.3	9.343	(325.)
323	10	16 9 26.93	3.392	15 10 53.3	9.304	(325.)
324	9	16 10 54.62	3.393	15 10 37.9	9.190	(325.)
325	10	16 11 1.42	3.393	15 10 44.8	9.180	(325.)
326	8. 9	16 17 2.15	3.410	15 44 8.7	8.709	(389.)
327	7	16 19 42.22	3.415	15 52 16.8	8.497	I. Ll.
328	7. 8	16 24 5.13	3.413	15 39 23.8	8.151	II. Ll.
329	9. 10	16 25 8.99	3.415	15 42 0.2	8.065	III.
330	9	16 26 46.94	3.420	15 54 47.3	7.935	(325.) Ll.
331	10	16 27 27.53	3.402	15 6 11.1	7.879	(389.)
332	9	16 31 58.45	3.411	15 21 14.9	7.514	IV.
333	9. 10	16 32 9.93	3.409	15 15 55.7	7.499	(325.)
334	8. 9	16 32 31.01	3.404	15 3 30.0	7.471	V. B.
335	10	16 35 24.03	3.405	15 1 15.3	7.237	(325.)
336	9	16 37 39.95	3.415	15 24 15.1	7.050	(325.)
337	10	16 37 49.55	3.411	15 13 34.0	7.037	(389.)
338	9. 10	16 38 51.41	3.415	15 21 43.6	6.952	VI.
339	9. 10	16 39 5.14	3.417	15 26 33.8	6.935	(325.)
340	8	16 39 26.31	3.423	15 41 12.5	6.905	VII. Ll.
341	7. 8	16 39 42.44	3.409	15 5 17.1	6.883	VIII. Ll. B.
342	7. 8	16 40 53.83	3.417	15 24 1.8	6.785	IX. Ll.
343	9	16 41 30.34	3.412	15 9 42.4	6.737	X. Ll. B.
344	10	16 43 40.04	3.423	15 37 24.6	6.556	(325.)

I. (364) +0.35 -1.0; (388) -0.29 -1.0; (389) -0.05 +2.0. II. (355) +0.12 -0.8; (388) -0.07 +1.3; (389) -0.05 -0.6. III. (325) +0.07 +1.2; (388) -0.05 -1.1; (389) -0.03 0.0. IV. (325) +0.19 -2.0; (363) -0.50 -2.8; (389) +0.30 +4.8. V. (325) +0.10 -1.3; (364) -0.06 -2.3; (389) -0.05 +3.7. VI. (325) -0.08 +4.8; (389) +0.01 -1.7; (390) +0.08 -3.2. VII. (325) +0.17 +0.5; (364) -0.17 -0.6; VIII. (363) +0.61 —; (389) -0.29 +1.9; (390) -0.32 -2.0. IX. (325) +0.01 +0.7; (363) +0.22 +0.6; (364) -0.05 -1.5; (389) -0.10 +0.8; (390) -0.08 +0.7. X. (325) +0.07 +0.8; (390) -0.06 -0.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
345	9. 10	16 44 5.04	+ 3.430	- 15 53 12.9	- 6.522	(325.)
446	10	16 46 51.16	3.429	15 47 27.3	6.293	(389)
347	9	16 47 43.03	3.413	15 6 46.6	6.220	I. B.
348	8. 9	16 47 53.04	3.417	15 14 30.8	6.207	II. B.
349	9	16 48 5.30	3.428	15 42 0.3	6.189	(364.)
350	9	16 48 15.27	3.516	19 17 49.5	6.176	(396.) Ll. R.
351	9 .10	16 48 19.90	3.418	15 17 12.6	6.169	(325.)
352	10	16 49 7.04	3.425	15 34 19.8	6.104	(325.)
353	8	16 50 23.03	3.426	15 34 27.4	5.599	(325.) Ll.
354	7	16 50 47.32	3.432	15 49 47.3	5.965	(748.) Ll R.
355	10	16 50 54.44	3.426	15 33 26.3	5.954	(325.)
356	8	16 51 0.57	3.486	18 0 32.1	5.946	(396.) R.
357	9	16 51 25.58	3.435	15 54 2.9	5.911	III.
358	9	16 51 30.53	3.485	17 58 58.9	5.904	(396.)
359	9	16 52 11.76	3.424	15 26 57.0	5.846	IV.
360	7. 8	16 53 4.88	3.503	18 39 32.8	5.773	(396.) R.
361	10	16 53 28.27	3.422	15 21 18.8	5.741	(389.)
362	9	16 54 27.25	3.536	19 56 28.3	5.658	(396.)
363	8. 9	16 55 4.20	3.430	15 38 53.7	5.606	V. Ll.
364	9	16 55 43.03	3.486	17 55 20.0	5.552	(396.) Ll.
365	9. 10	16 57 4.34	3.486	17 54 15.6	5:438	(396.) Ll.
366	7. 8	16 58 38.19	3.517	19 4 47.8	5.306	(396) Ll.
367	9. 10	16 58 56.18	3.515	18 59 55.3	5.281	(396.) Ll.
368	8. 9	16 59 9.05	3.438	15 53 13.4	5.262	VI.
369	9	16 59 20.46	3.429	15 34 6.5	5.245	(389.)
370	9. 10	16 59 42.54	3.489	17 57 0.4	5.214	(396.) Ll.
371	10	17 0 22.74	3.491	18 3 18.8	5.158	(396.)

I. (325) -0.23 +1.0; (363) +0.07 +0.5; (390) +0.17 -1.5. **II.** (325) -0.14 +1.1; (391) +0.14 -1 1. **III.** (389) -0.40 0.0; (391) +0.41 —. **IV.** (363) -0.03 +0.8; (391) +0.04 -0.8. **V.** (363) -0.11 —; (364) -0.12 -5.7; (748) +0.23 +5.6. **VI.** (389) +0.18 -0.2; (390) -0.18 +0.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
372	9	17 0 39.34	+ 3.419	- 15 7 3.0	- 5.134	I. Ll. R.
373	9	17 0 49.88	3.417	15 0 16.5	5.121	(389.)
374	8. 9	17 1 25.41	3.522	19 14 24.3	5.071	(396.)
375	3	17 1 46.55	3.430	15 32 2.5	5.040	II. Ll. R.
376	9. 10	17 3 57.43	3.428	15 25 5.4	4.855	(364.)
377	7. 8	17 5 1.82	3.427	15 22 34.0	4.764	III. Ll. R.
378	7. 8	17 9 40.88	3.448	16 8 45.3	4.369	(393.) Ll.
379	9	17 11 9.09	3.521	19 49 5.1	4.245	(396.)
380	9. 10	17 11 14.87	3.448	16 5 51.8	4.235	(393.)
381	8	17 11 46.16	3.525	19 10 4.1	4.191	(396.) Ll.
382	10	17 12 0.51	3.428	15 17 39.1	4.169	(364.)
383	10	17 12 13.53	3.425	15 10 20.0	4.150	(390.)
384	9	17 12 37.25	3.433	15 31 3.1	4.117	IV.
385	8	17 13 19.71	3.472	17 3 58.2	4.056	(393.)
386	10	17 13 38.73	3.440	15 46 30.0	4.029	(364.)
387	8	17 13 40.19	3.476	17 11 15.6	4.028	(393.)
388	9	17 13 43.46	3.533	19 27 25.0	4.024	(396.)
389	7. 8	17 14 58.15	3.444	15 53 22.4	3.916	(393.) Ll. R.
390	7	17 14 58.39	3.444	15 53 22.8	3.914	V. Ll.
391	9	17 16 9.56	3.447	16 0 44.6	3.813	(393.)
392	10	17 16 23.64	3.427	15 12 39.3	3.792	VI.
393	10	17 17 6.02	3.425	15 7 13.3	3.733	(390.)
394	7. 8	17 17 30.72	3.471	16 56 34.0	3.696	(393.) Ll.
395	8	17 18 25.76	3.446	15 57 32.2	3.617	(393.)
396	8	17 18 32.66	3.440	15 43 4.7	3.607	(390.) Ll.
397	9	17 18 48.30	3.503	18 12 37.4	3.586	(394.) Ll.

I. (363) +0.06 -1.5; (364) +0.03 -2.0; (389) -0.20 +0.2; (390) -0.19 +1.9; (391) +0.31 +1.5. **II.** (364) +0.04 -0.9; (390) -0.12 +0.1; (391) +0.07 +0.9. **III.** (364) -0.14 +0.6; (391) +0.15 -0.6. **IV.** (364) +0.18 -1.4; (391) -0.18 +1.3. **V.** (364) +0.18 -0.2; (390) -0.26 +0.2; (391) -0.12 —. **VI.** (390) -0.23 +2.8; (391) +0.23 -2.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
398	9	17 19 37.40	+ 3.437	- 15 34 33.5	- 3.514	I.
399	9. 10	17 19 49.38	3.502	18 9 56.1	3.498	(394.)
400	8	17 19 51.65	3.495	17 51 54.2	3.493	(393.) Ll.
401	8. 9	17 20 36.54	3.398	13 57 8.5	3.429	II.
402	8. 9	17 20 52.13	3.446	15 54 36.6	3.407	(363.) Ll.
403	8	17 20 56.67	3.491	17 42 17.4	3.400	(393.) Ll.
404	8. 9	17 21 16.17	3.446	15 53 31.6	3.373	(395.) Ll.
405	8	17 21 21.30	3.443	15 47 12.9	3.364	(364.) Ll.
406	10	17 21 47.38	3.536	19 26 1.8	3.326	(394.)
407	7	17 21 52.06	3.436	15 30 39.2	3.321	(391.) Ll.
408	8. 9	17 21 55.75	3.493	17 45 23.4	3.315	(393.)
409	8	17 22 11.16	3.431	15 18 59.5	3.294	(391.) Ll.
410	9. 10	17 22 12.23	3.445	15 51 52.7	3.291	(364.)
411	9	17 22 31.12	3.474	17 1 21.2	3.265	(395.)
412	7	17 24 15.31	3.483	17 22 53.0	3.116	III. Ll.
413	9	17 24 35.68	3.450	16 2 14.4	3.085	(393.)
414	8	17 24 40.45	3.505	18 12 34.5	3.078	(394.) Ll.
415	8	17 25 14.47	3.493	17 43 28.8	3.029	(393.) Ll.
416	9. 10	17 25 19.04	3.531	19 13 49.1	3.023	(394.)
417	7. 8	17 25 47.34	3.502	18 6 40.9	2.983	(394.) Ll.
418	8. 9	17 26 27.76	3.452	16 5 33.3	2.923	(393.)
419	10	17 26 30.66	3.499	17 58 17.4	2.920	(394.)
420	9	17 26 52.71	3.443	15 43 35.1	2.888	(363.)
421	7. 8	17 27 28.57	3.494	17 45 27.5	2.836	(393.) Ll.
422	10	17 28 10.90	3.502	18 5 1.4	2.776	(394.)
423	9	17 28 51.43	3.448	15 54 14.0	2.716	(393.)
424	8	17 28 54.25	3.494	17 43 47.2	2.713	(393.) Ll.
425	5	17 29 0.28	3.433	15 17 55.4	2.704	(364.) B.
426	8. 9	17 29 3.71	3.438	15 28 24.9	2.699	(363.)

I. (364) +0.25 +4.1; (391) -0.25 -4.2. **II.** (390) -0.15 -2.0; (391) +0.15 +2.0.
III. (393) +0.05 -4.6; (395) -0.05 +4.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
427	8. 9	17h 29′ 50″.58	+ 3″.450	- 15° 57′ 51″.3	- 2″.632	(393.)
428	9. 10	17 30 0.08	3.539	19 26 38.5	2.618	(394.) Ll.
429	10	17 31 56.98	3.437	15 26 29.5	2.449	I.
430	9	17 31 57.60	3.502	17 59 51.5	2.447	(394.)
431	10	17 32 33.36	3.498	17 52 24.1	2.397	(394.)
432	9	17 32 49.50	3.489	17 30 29.7	2.372	(393.)
433	10	17 32 53.30	3.431	15 12 21.0	2.368	(328.) B.
434	8	17 33 24.97	3.476	16 58 13.3	2.321	(395.)
435	10	17 33 36.57	3.443	15 38 38.4	2.304	II. Ll.
436	10	17 33 49.17	3.549	19 49 36.1	2.286	(394.)
437	8. 9	17 33 50.96	3.449	15 54 49.3	2.284	(393.)
438	8	17 34 3.49	3.439	15 28 47.1	2.264	III. Ll.
439	10	17 34 19.35	3.448	15 52 53.8	2.241	(328.)
440	8. 9	17 34 51.38	3.470	16 44 20.9	2.196	(395.) Ll.
441	7. 8	17 35 23.80	3.494	17 40 9.8	2.148	(393.) Ll.
442	7	17 35 33.05	3.486	17 21 47.6	2.135	(393.) Ll.
443	7	17 35 38.32	3.472	16 47 26.0	2.127	(395.) Ll.
444	9	17 36 8.24	3.518	18 35 8.8	2.084	(394.)
445	8	17 36 13.02	3.480	17 9 23.7	2.078	(393.) Ll.
446	8. 9	17 36 18.23	3.468	16 41 35.5	2.070	(395.)
447	8	17 37 30.46	3.465	16 31 25.8	1.966	IV.
448	8	17 37 57.66	3.451	15 56 18.7	1.925	(393.) Ll.
449	8	17 38 40.72	3.504	18 2 42.6	1.863	(394.) Ll.
450	10	17 39 39.01	3.484	17 14 13.9	1.778	(393.)
451	9. 10	17 39 48.55	3.531	19 4 14.8	1.764	(394.)
452	9	17 40 21.73	3.457	16 11 32.3	1.716	(393.)
453	10	17 40 58.26	3.551	19 51 6.9	1.663	(394.)
454	10	17 41 7.50	3.444	15 40 39.7	1.649	(363.)

I. (328) -0.16 +0.6; (391) +0.17 -0.7. II. (363) +0.22 +1.6; (390) -0.22 -1.7. III. (328) +0.05 [-21.2]; (364) +0.11 -0.2; (390) -0.35 +0.2; (391) +0.21 0.0. IV. (393) -0.18 -0.3; (395) +0.19 +0.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
455	8	17 41 44.54	+ 3.451	− 15 55 13.3	− 1.597	(395.) Ll.
456	9	17 41 45.73	3.450	15 53 36.2	1.594	(328.) Ll.
457	7. 8	17 42 3.43	3.455	16 6 16.3	1.570	I. Ll.
458	9	17 42 38.59	3.458	16 11 34.7	1.517	(393.)
459	8. 9	17 43 24.53	3.472	16 44 20.5	1.452	(395.) Ll.
460	8	17 43 29.20	3.532	19 4 34.0	1.445	(394.)
461	9	17 43 41.02	3.459	16 14 54.3	1.428	(393.) Ll.
462	8	17 44 33.05	3.490	17 26 34.5	1.351	II. Ll.
463	10	17 44 49.20	3.443	15 36 59.2	1.327	(390.) Ll.
464	8	17 44 53.26	3.552	19 50 49.3	1.322	(394.) Ll.
465	8	17 45 15.23	3.487	17 22 26.6	1.289	III. Ll.
466	10	17 46 41.85	3.448	15 49 3.9	1.162	(391.)
467	9. 10	17 47 10.27	3.471	16 43 0.3	1.121	(393.)
468	7	17 47 41.16	3.448	15 46 47.3	1.077	IV. Ll. R.
469	9. 10	17 47 44.16	3.432	15 9 9.8	1.072	(364.)
470	8. 9	17 48 3.84	3.466	16 31 29.4	1.043	(393.)
471	9	17 48 10.71	3.445	15 39 22.3	1.033	V. Ll.
472	8	17 48 37.65	3.469	16 37 53.7	0.993	(393.)
473	9	17 49 8.42	3.472	16 46 15.1	0.949	(393.)
474	10	17 50 0.08	3.443	15 34 55.3	0.875	VI.
475	7. 8	17 50 0.05	3.474	16 50 10.2	0.875	(393.) Ll.
476	8. 9	17 50 19.08	3.461	16 18 47.1	0.847	(393.)
477	10	17 50 30.65	3.433	15 11 56.0	0.830	VII.
478	10	17 50 36.66	3.510	18 11 13.1	0.821	(394.) Ll.
479	9	17 50 55.73	3.432	15 7 58.9	0.793	VIII.
480	7. 8	17 51 34.05	3.455	16 3 7.5	0.737	IX. Ll.

I. (393) +0.03 +1.6; (395) −0.03 −1.7. **II.** (393) +0.18 +0.9; (395) −0.18 −0.9. **III.** (393) −0.20 +0.4; (395) +0.20 −0.4. **IV.** (390) +0.08 −2.5; (391) −0.46 −1.3; (764) +0.38 +3.9. **V.** (363) −0.09 −0.6; (390) −0.41 −0.3; (764) +0.49 +0.8. **VI.** (328) +0.25 [−7.9]; (390) −0.39 +1.1; (391) +0.15 −1.2. **VII.** (328) −0.10 −3.3; (764) +0.11 +3.3. **VIII.** (328) +0.01 −2.2; (390) −0.46 +0.3; (764) +0.46 +2.0. **IX.** (393) +0.08 +0.6; (395) −0.08 −0.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
481	9. 10	17 51 40.37	+ 3.519	- 18 33 53.0	- 0.729	(394.) Ll.
482	8	17 52 10.10	3.435	15 15 36.1	0.685	(391.)
483	9	17 52 40.47	3.437	15 20 55.6	0.641	I.
484	8	17 53 1.38	3.464	16 25 58.3	0.612	II.
485	8	17 53 31.31	3.459	16 13 3.3	0.567	III. Ll.
486	8	17 53 58.03	3.492	17 31 2.3	0.527	(393.) Ll.
487	7	17 54 37.01	3.494	17 36 23.5	0.470	IV. Ll.
488	7	17 55 37.58	3.488	17 21 13.2	0.381	V. Ll.
489	8	17 56 6.68	3.438	15 21 47.8	0.340	VI.
490	10	17 56 11.53	3.429	15 0 43.9	0.332	VII.
491	8	17 56 21.48	3.436	15 17 21.0	0.318	VIII. B.
492	9	17 56 42.02	3.487	17 17 41.0	0.288	(393.)
493	10	17 57 34.98	3.471	16 41 41.9	0.211	(395.)
494	9	17 57 52.77	3.531	18 59 33.4	0.185	(394.)
495	8	17 58 32.09	3.471	16 40 1.7	0.128	(395.) Ll.
496	9. 10	17 58 36.88	3.429	14 59 59.3	0.121	(390.)
497	10	17 58 43.70	3.445	15 40 16.5	0.110	(363.)
498	8. 9	17 59 38.16	3.519	18 34 1.7	0.031	(394.) Ll.
499	7. 8	17 59 48.37	3.464	16 25 56.5	- 0.017	(395.) Ll.
500	9	18 0 7.30	3.492	17 31 25.1	+ 0.010	(393.)
501	10	18 0 18.55	3.430	15 3 23.9	0.027	(328.) B.
502	10	18 0 34.02	3.431	15 4 37.9	0.049	IX. B.
503	9. 10	18 0 56.14	3.493	17 33 1.2	0.081	(393.)
504	9	18 0 57.72	3.477	16 51 28.1	0.084	(395.)
505	8. 9	18 0 58.87	3.527	18 51 45.3	0.085	(394.) Ll.
506	9	18 1 6.65	3.436	15 18 7.5	0.097	X. Ll.
507	10	18 1 21.59	3.530	18 57 10.6	0.119	(394.)

I. (328) +0.01 -1.3; (390) 0.00 +1.3. II. (393) -0.03 +0.2; (395) +0.03 -0.2.
III. (393) -0.06 +3.1; (395) +0.00 -3.2. IV. (393) -0.08 +2.0; (395) +0.09 -2.1.
V. (393) +0.07 +1.9; (395) -0.07 -1.9. VI. (328) +0.07 -2.0; (391) -0.07 +2.0.
VII. (363) +0.32 -0.5; (390) -0.32 +0.4. VIII. (328) -0.04 -0.6; (391) +0.04 +0.5.
IX. (328) +0.26 +1.0; (390) -0.26 -1.0. X. (328) +0.18 -0.6; (390) -0.18 +0.6

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
508	8	h 18 1 52.42	+ ″ 3.473	- ° 16 46 21.5	+ ″ 0.163	(395.)
509	9	18 2 5.48	3.528	18 53 33.3	0.184	(394.)
510	8	18 2 26.89	3.489	17 24 25.4	0.214	(393.)
511	8	18 3 5.76	3.477	16 55 11.3	0.271	(393.)
512	9	18 3 6.56	3.434	15 13 37.8	0.272	I.
513	8	18 3 13.85	3.446	15 42 23.1	0.283	(364.) Ll.
514	8	18 3 31.91	3.472	16 43 42.0	0.309	(395.)
515	9	18 3 46.52	3.515	18 25 36.5	0.331	(394.) Ll.
516	6. 7	18 3 47.48	3.464	16 24 39.5	0.331	(395.)
517	9	18 3 47.90	3.434	15 12 23.2	0.333	II.
518	8. 9	18 3 57.85	3.445	15 39 18.2	0.347	(364.)
519	8	18 3 59.75	3.455	16 2 18.0	0.350	(395.)
520	7. 8	18 4 7.67	3.469	16 36 20.9	0.362	(393.)
521	8	18 4 21.11	3.434	15 13 20.9	0.380	(328.) B.
522	9. 10	18 4 51.33	3.515	18 25 17.3	0.423	(394.)
523	8	18 4 58.62	3.444	15 37 49.4	0.435	III. Ll.
524	8. 9	18 5 1.24	3.531	19 1 28.3	0.438	(397.)
525	9	18 5 1.75	3.483	17 10 57.4	0.440	IV.
526	10	18 5 38.74	3.510	18 11 10.4	0.493	(394.)
527	8	18 6 4.36	3.581	20 54 38.5	0.530	(398.) Ll.
528	8	18 6 11.33	3.530	18 58 57.9	0.540	(397.)
529	9	18 6 12.30	3.520	18 35 15.6	0.542	(394.)
530	5. 6	18 6 15.83	3.577	20 46 2.6	0.548	(398.) Ll.
531	7. 8	18 6 21.51	3.435	15 25 23.1	0.556	V. Ll.
532	7. 8	18 6 26.61	3.531	19 1 58.0	0.563	(397.)
533	9. 10	18 6 27.78	3.455	16 4 8.6	0.565	(395.)
534	8	18 6 32.92	3.483	17 8 40.6	0.572	(393.)
535	8	18 6 41.98	3.523	18 42 5.8	0.586	(394.)

I. (328) +0.17 +0.6; (390) -0.07 -6.2. **II.** (328) +0.61 +1.2; (390) -0.60 -1.2. **III.** (363) +0.17 -0.4; (364) +0.17 +0.3. **IV.** (393) +0.32 +26.4; (395 -0.32 -26.4. **V.** (328) +0.13 +0.6; (364) -0.12 -0.7.

-15° -21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
536	8	18 6 55.51	+ 3.530	- 18 59 40.8	+ 0.605	(397.)
537	8	18 7 2.33	3.452	15 56 6.9	0.616	(395.) Ll.
538	8	18 7 2.57	3.479	17 0 46.0	0.617	(393.)
539	10	18 7 19.54	3.455	16 2 51.4	0.640	(395.)
540	10	18 7 22.96	3.526	18 50 29.2	0.646	(394.)
541	9	18 7 26.66	3.476	16 53 8.4	0.652	(393.)
542	7	18 7 38.85	3.574	20 39 16.9	0.669	(398.) Ll.
543	9. 10	18 7 48.39	3.527	18 51 1.1	0.683	(394.)
544	8. 9	18 8 12.42	3.465	16 26 30.0	0.717	(395.) Ll.
545	8. 9	18 8 34.86	3.478	16 58 29.7	0.750	(393)
546	9	18 8 39.43	3.573	20 38 29.3	0.756	(398.)
547	9	18 8 40.88	3.445	15 40 7.2	0.759	(328.) Ll.
548	9. 10	18 8 49.43	3.461	16 17 24.2	0.771	(395.)
549	9. 10	18 8 59.61	3.476	16 54 17.2	0.787	(393.)
550	8	18 9 1.51	3.440	15 28 44.4	0.790	(328.) Ll.
551	7. 8	18 9 1.73	3.526	18 50 50.4	0.790	I. Ll.
552	8	18 9 9.66	3.524	18 45 5.9	0.802	II. Ll.
553	8	18 9 54.63	3.522	18 40 20.5	0.867	III. Ll.
554	10	18 9 55.49	3.522	18 40 6.2	0.869	(394.) Ll.
555	9	18 10 5.38	3.462	16 21 39.3	0.882	(395.) Ll.
556	8	18 10 22.66	3.474	16 42 37.3	0.908	(393.) Ll.
557	8. 9	18 10 24.12	3.462	16 21 23.3	0.910	(395.) Ll.
558	8. 9	18 10 40.01	3.511	18 16 31.7	0.933	(397.)
559	10	18 10 40.30	3.434	15 13 29.8	0.934	(364.)
560	9. 10	18 10 58.45	3.455	16 4 38.8	0.960	(395.)
561	9	18 11 29.65	3.520	18 38 59.1	1.005	IV.
562	6	18 11 30.55	3.451	15 53 16.0	1.006	V. Ll. R.
563	7	18 11 37.78	3.563	20 16 31.4	1.017	(398.) Ll.

I. (394) +0.02 +0.4; (397) -0.01 -0.4. II. (394) +0.02 +2.3; (397) -0.02 -2.3. III. (394) -0.09 -0.8; (397) +0.09 +0.8. IV. (394) -0.26 +0.2; (397) +0.27 -0.3. V. (364) +0.07 +0.1; (393) +0.10 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
564	8	18 12 29.26	+ 3.429	-15 2 11.8	+ 1.091	(328.) Ll. B.
565	7. 8	18 12 33.60	3.528	18 55 8.0	1.098	(394.) Ll.
566	9	18 12 35.02	3.465	16 26 14.2	1.099	(395.)
567	8. 9	18 12 46.29	3.517	18 29 24.3	1.116	(397.)
568	8. 9	18 12 57.45	3.503	17 57 41.9	1.131	(397.)
569	8	18 13 9.15	3.453	16 23 18.2	1.149	I. Ll.
570	8. 9	18 13 26.44	3.560	20 7 57.1	1.174	(398.)
571	9	18 13 38.46	3.432	15 9 22.7	1.193	(328.) } Doppelst.
572	9	18 13 39.8	3.432	15 9 11.7	1.192	(328.) Ll. } Doppelst.
573	9	18 13 43.33	3.457	16 8 16.7	1.198	(395.)
574	9. 10	18 13 58.24	3.524	18 47 8.2	1.221	II.
575	8	18 14 8.33	3.478	16 59 34.3	1.235	(395.) Ll.
576	8	18 14 23.26	3.575	20 43 22.9	1.256	(398.) Ll.
577	9	18 14 24.23	3.571	20 32 57.7	1.258	(398.)
578	8	18 14 28.36	3.470	16 39 40.3	1.265	(393.) Ll.
579	9	18 15 17.15	3.546	19 38 55.5	1.336	(394.)
580	9	18 15 17.75	3.566	20 23 52.6	1.338	(398.)
581	8. 9	18 15 34.02	3.508	18 9 54.4	1.361	(397.)
582	9	18 15 45.69	3.551	19 48 22.0	1.379	(394.)
583	10	18 15 49.56	3.504	17 59 27.5	1.383	(397.)
584	9	18 16 3.00	3.475	16 52 15.5	1.403	(395.)
585	9	18 16 3.21	3.439	15 27 56.4	1.403	III.
586	9. 10	18 16 5.09	3.487	17 19 28.7	1.406	(393.)
587	8. 9	18 16 11.79	3.520	18 36 48.1	1.417	(394.) Ll.
588	8. 9	18 16 19.39	3.513	18 21 8.1	1.427	(397.)
589	5	18 16 24.60	3.568	20 27 3.9	1.436	(398.) Ll.
590	9	18 16 39.98	3.433	15 11 52.8	1.458	(328.) Ll. B.
591	9	18 17 2.88	3.433	15 13 49.7	1.490	(328.) Ll. B.

I. (393) -0.07 -0.3; (395) +0.07 +0.3. II. (394) +0.01 -1.7; (397) 0.00 -1.6.
III. (328) +0.01 +2.0; (363) -0.08 -1.4; (364) +0.08 -0.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
592	9	18 17 3.76	+ 3.482	-17 9 13.6	+ 1.492	I.
593	9. 10	18 17 24.68	3.450	15 53 34.2	1.522	(364.)
594	9	18 17 33.56	3.475	16 54 4.7	1.536	(393.)
595	7. 8	18 17 40.16	3.508	18 10 1.1	1.545	(397.) Ll.
596	8	18 17 47.10	3.445	15 42 37.2	1.555	(328.) Ll.
597	8	18 18 12.87	3.485	17 16 48.9	1.592	(395.)
598	8	18 18 13.13	3.518	18 34 33.9	1.592	(397.)
599	9. 10	18 18 29.91	3.515	18 27 29.1	1.617	(394.)
600	8	18 18 54.64	3.439	15 27 32.4	1.653	(328.) Ll.
601	8	18 19 7.90	3.465	16 30 47.4	1.673	(395.) Ll.
602	6	18 19 11.35	3.500	17 53 12.4	1.676	(397.) Ll.
603	8. 9	18 19 28.06	3.566	20 25 33.9	1.702	(398.)
604	9	18 19 50.88	3.479	17 3 57.1	1.734	(393.)
605	9	18 19 52.23	3.450	15 53 31.5	1.736	(395.)
606	10	18 19 59.53	3.519	18 35 46.5	1.748	(394.)
607	10	18 20 10.03	3.530	19 3 2.8	1.762	(394.)
608	8	18 20 22.75	3.465	16 30 18.8	1.781	(393.)
609	8	18 20 56.72	3.457	16 11 13.4	1.830	II. Ll.
610	6	18 21 22.72	3.524	18 49 7.6	1.868	III. Ll.
611	7. 8	18 21 28.78	3.459	16 17 5.3	1.877	IV. Ll.
612	9	18 22 3.71	3.448	15 50 13.1	1.929	(328.)
613	9	18 22 11.12	3.452	16 1 38.7	1.938	(395.)
614	8	18 22 30.84	3.529	18 59 53.2	1.967	(394.) Ll.
615	4. 5	18 22 38.73	3.516	18 30 2.8	1.979	(397.) Ll.
616	8	18 22 53.05	3.454	16 4 33.2	1.999	V. Ll.
617	8	18 23 6.99	3.556	20 3 10.7	2.020	(398.)
618	8	18 23 39.96	3.530	19 4 28.3	2.067	(394.)
619	8	18 23 49.23	3.453	16 2 5.9	2.080	VI. Ll.

I. (393) -0.11 -2.2; (395) +0.12 +2.1. II. (393) -0.05 +1.1; (395) +0.05 -1.2; III. (394) -0.01 -0.2; (397) +0.01 +0.1. IV. (393) -0.02 +1.7; (395) +0.02 -1.7. V. (393) 0.00 +1.6; (395) +0.01 -1.6; VI. (393) -0.02 +3.6; (395) +0.03 -3.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
620	9	18 24 12.75	+ 3.450	- 15 56 22.4	+ 2.114	I.
621	7. 8	18 24 22.80	3.514	18 28 22.2	2.129	II. Ll.
622	8	18 24 44.29	3.553	19 57 1.8	2.160	(398.)
623	8	18 25 27.77	3.467	16 36 34.6	2.224	(395.) Ll.
624	7. 8	18 25 28.11	3.448	15 52 32.9	2.224	III.
625	7	18 25 31.91	3.551	19 53 36.3	2.229	(398.) Ll.
626	9	18 25 42.19	3.512	18 24 56.3	2.244	IV.
627	6	18 26 23.94	3.579	20 57 10.1	2.305	(398.) Ll.
628	8	18 26 32.72	3.537	19 22 48.8	2.318	(394.)
629	8	18 26 41.76	3.458	16 15 3.9	2.331	(395.) Ll.
630	7	18 26 48.75	3.519	18 39 53.1	2.341	V. Ll.
631	8	18 27 44.05	3.525	18 54 10.9	2.421	VI. Ll.
632	8	18 27 44.52	3.564	20 25 52.6	2.422	(398.)
633	9	18 27 48.52	3.565	20 26 50.7	2.428	(398.)
634	8	18 27 59.16	3.484	17 19 29.4	2.443	(395.)
635	8	18 28 8.29	3.534	19 15 25.4	2.456	(397.)
636	8. 9	18 28 16.72	3.461	16 24 35.7	2.469	(395.)
637	7	18 28 16.73	3.540	19 29 39.8	2.469	(397.) Ll.
638	10	18 28 20.41	3.503	18 2 43.2	2.474	(394.)
639	9	18 28 49.95	3.427	15 3 6.5	2.517	(328.)
640	7. 8	18 28 57.58	3.462	16 26 5.8	2.529	(393.) Ll.
641	9. 10	18 29 7.72	3.439	15 32 54.8	2.543	(378.)
642	6. 7	18 29 8.66	3.485	17 21 15.4	2.543	(395.) Ll.
643	9. 10	18 29 13.15	3.427	15 3 22.4	2.550	(328.)
644	9. 10	18 29 33.08	3.514	18 30 22.7	2.579	(394.)
645	9	18 29 48.77	3.544	19 39 28.1	2.602	(397.)
646	10	18 29 53.74	3.524	18 54 27.7	2.610	(394.)
647	8	18 30 3.54	3.532	19 13 49.0	2.622	(397.)

I. (393) +0.03 +1.5; (395) -0.03 -1.6. II. (394) +0.04 0.0; (397) -0.04 -0.1; III. (393) +0.03 +1.6; (395) -0.03 -1.6. IV. (394) -0.02 -0.6; (397) +0.03 +0.5; V. (394) -0.09 -0.4; (397) +0.10 +0.3. VI. (394) -0.12 +1.9; (397) +0.12 -1.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
648	9	18 30 28.29	+ 3.430	- 15 9 55.8	+ 2.660	I. Ll. B.
649	9	18 30 40.11	3.522	18 47 56.9	2.676	(397.)
650	9	18 31 8.57	3.433	15 17 4.6	2.718	(378.)
651	9. 10	18 31 20.12	3.472	16 52 3.8	2.734	II.
652	10	18 32 22.39	3.550	19 53 48.5	2.823	(394.)
653	10	18 32 25.41	3.425	15 1 21.5	2.829	(378.)
654	8. 9	18 32 37.99	3.480	17 12 34.2	2.847	(395.) Ll.
655	8. 9	18 32 51.02	3.503	18 7 23.1	2.865	(397.)
656	8. 9	18 32 53.30	3.453	16 7 11.0	2.868	(393.)
657	10	18 33 1.15	3.538	19 28 30.1	2.879	(394.)
658	9	18 33 2.98	3.555	20 6 5.4	2.882	(407.)
659	8. 9	18 33 8.13	3.532	19 14 29.5	2.890	(397.)
660	8. 9	18 33 21.98	3.565	20 29 20.3	2.910	(398.) Ll.
661	7. 8	18 33 28.38	3.478	17 9 —	2.919	(395.) Ll.
662	9	18 33 29.76	3.547	19 49 37.3	2.921	(407.)
663	8	18 33 39.17	3.449	15 59 34.4	2.934	(393.) Ll.
664	8	18 34 3.85	3.441	15 39 33.5	2.970	III.
665	6. 7	18 34 4.95	3.536	19 25 19.0	2.971	IV.
666	9	18 34 7.09	3.448	15 55 40.1	2.974	(393.)
667	9	18 34 10.25	3.437	15 31 37.6	2.978	(328.)
668	10	18 34 27.95	3.534	19 21 59.4	3.005	(394.)
669	8	18 34 45.50	3.473	16 55 36.5	3.028	(395.) Ll.
670	9	18 35 3.27	3.552	20 2 4.7	3.054	(407.)
671	7	18 35 10.13	3.476	17 4 3.8	3.065	V. Ll.
672	9	18 35 10.39	3.434	15 24 58.1	3.066	VI.
673	7	18 35 18.26	3.537	19 27 43.9	3.077	VII.
674	9. 10	18 35 51.51	3.537	19 28 13.8	3.126	VIII.

I. (328) +0.15 -0.4; (363) -0.10 +0.2; (378) -0.06 +0.3. **II.** (393) +0.03 —; (395) -0.02 0.0. **III.** (328) +0.15 +0.7; (377) -0.14 -0.8. **IV.** (394) -0.05 +0.3; (397) +0.05 -0.3. **V.** (393) +0.13 +1.4; (395) -0.13 -1.4. **VI.** (328) +0.07 +4.9; (364) -0.19 -3.8; (377) +0.13 -1.2. **VII.** (394) -0.04 +1.3; (397) +0.05 -1.4. **VIII.** (394) +0.14 +0.4; (397) -0.13 -0.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
675	9	18 36 2.03	+ 3.473	- 16 56 33.7	+ 3.140	(393.)
676	8. 9	18 36 30.73	3.575	20 55 56.6	3.181	(398.)
677	10	18 36 44.73	3.469	16 46 46.9	3.201	(393.)
678	7. 8	18 36 53.61	3.491	17 41 38.6	3.213	(395.) Ll.
679	8	18 37 6.66	3.530	19 13 53.8	3.233	(397.)
680	9	18 37 29.83	3.439	15 37 38.6	3.266	I.
681	10	18 37 34.73	3.471	16 53 37.2	3.273	(393.)
682	8. 9	18 37 39.50	3.559	20 22 12.6	3.279	(398.)
683	9. 10	18 37 55.46	3.528	19 8 54.3	3.302	(397.)
684	9. 10	18 38 12.62	3.424	15 0 8.2	3.324	II. B.
685	8. 9	18 38 17.09	3.425	15 3 59.7	3.334	III. Ll.
686	9. 10	18 38 30.00	3.470	16 51 17.7	3.353	IV.
687	8. 9	18 38 45.25	3.532	18 54 36.1	3.374	(397.) Ll.
688	8. 9	18 38 46.00	3.551	20 1 20.0	3.376	V.
689	7	18 38 58.08	3.560	20 25 58.0	3.394	(398.) Ll.
690	7	18 39 18.46	3.472	16 56 4.9	3.422	VI. B.
691	8	18 39 23.45	3.533	19 21 26.6	3.431	(394.) B.
692	8. 9	18 39 28.34	3.462	16 34 43.2	3.437	(395.)
693	8	18 39 56.96	3.558	20 18 51.6	3.478	VII. Ll.
694	6. 7	18 39 57.64	3.517	18 45 45.2	3.480	(397.) Ll.
695	9	18 40 12.69	3.428	15 11 18.9	3.500	(330.)
696	8	18 40 34.77	3.522	18 56 2.9	3.532	(397.)
697	9	18 40 37.49	3.430	15 18 58.0	3.535	(330.)
698	8	18 40 45.77	3.531	19 16 9.2	3.547	(394.) Ll.
699	9	18 40 46.43	3.525	19 4 17.4	3.549	(394.) Ll.
700	7	18 40 48.11	3.469	16 52 12.9	3.550	VIII. Ll.
701	8. 9	18 40 54.71	3.474	17 4 3.3	3.561	(393.) Ll.

I. (328) +0.02 +0.9; (330) +0.08 -1.0; (332) +0.21 -2.8; (363) -0.06 +1.4; (378) -0.26 -4.3. II. (330) +0.07 -0.1; (378) -0.07 +0.1. III. (330) +0.26 +0.4; (378) -0.26 -0.5. IV. (393) +0.13 -2.2; (395) -0.13 +2.2. V. (398) 0.00 0.0; (407) +0.05 0.0. VI. (393) 0.00 +0.8; (395) +0.01 -0.9. VII. (398) -0.10 -0.2; (407) +0.11 +0.2. VIII. (393) +0.06 +1.3; (395) -0.05 -1.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
702	9. 10	18 41 10.14	+ 3.428	- 15 12 48.0	+ 3.582	I.
703	8	18 41 15.28	3.513	18 36 4.1	3.589	(397.)
704	10	18 41 19.70	3.443	15 47 48.5	3.597	(330.)
705	10	18 41 27.73	3.527	19 8 9.5	3.608	(394.)
706	10	18 41 56.68	3.433	15 25 35.8	3.650	(330.)
707	9	18 42 1.92	3.471	16 55 30.5	3.657	(393.)
708	8. 9	18 42 6.24	3.561	20 27 52.0	3.662	(407.) Ll.
709	8. 9	18 42 11.95	3.561	20 28 9.0	3.671	(407.) Ll.
710	10	18 42 20.34	3.432	15 25 25.6	3.684	(378.)
711	9. 10	18 42 28.93	3.494	17 52 34.7	3.696	II. Ll.
712	8. 9	18 42 32.68	3.508	18 25 53.5	3.701	III.
713	9	18 42 33.92	3.486	17 34 16.0	3.703	(395.)
714	8. 9	18 43 37.84	3.456	16 19 39.1	3.708	(393.)
715	10	18 43 10.89	3.513	18 37 10.9	3.756	(397.)
716	9. 10	18 43 19.95	2.473	17 2 15.9	3.770	(395.)
717	9	18 43 24.92	3.459	16 29 9.6	3.777	(393.)
718	9	18 43 37.01	3.552	20 9 23.8	3.794	(407.)
719	9. 10	18 43 37.84	3.437	15 35 38.4	3.802	(330.)
720	9	18 44 10.16	3.508	18 26 7.7	3.841	(394.) Ll.
721	9	18 44 20.75	3.434	15 30 16.1	3.857	IV. Ll.
722	7. 8	18 44 21.03	3.460	16 33 23.6	3.857	(393.) Ll.
723	9	18 44 30.44	3.434	15 30 13.0	3.871	(364.) Ll.
724	8. 9	18 44 32.62	3.521	18 57 46.4	3.874	(397.) Ll.
725	9	18 44 38.24	3.437	15 36 19.1	3.881	V. Ll.
726	9. 10	18 44 54.47	3.474	17 6 44.5	3.905	(395.)
727	8	18 44 56.62	3.547	19 58 29.7	3.909	(408.) Ll.
728	9. 10	18 45 5.97	3.544	19 50 36.8	3.921	(408.)

I. (330) -0.09 -0.6; (332) +0.10 -1.0; (364) -0.02 +1.5. **II.** (394) +0.44 +1.6; (395) -0.43 -1.7. **III.** (394) -0.03 -0.4; (397) +0.03 +0.4. **IV.** (328) +0.30 +1.9; (330) -0.19 -2.1; (332) +0.07 -0.3; (378) -0.16 +0.3; **V.** (328) +0.12 +0.8; (330) +0.04 0.0; (378) -0.17 -0.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
729	9. 10	18 45 25.68	+ 3.550	- 20 6 48.4	+ 3.950	(408.) Ll.
730	9	18 45 37.30	3.426	15 10 55.4	3.966	I. B.
731	10	18 45 53.27	3.543	19 49 56.3	3.989	(397) Ll.
732	8. 9	18 46 4.24	3.559	20 28 53.6	4.005	II.
733	6	18 46 7.03	3.441	15 47 11.6	4.009	III. Ll.
734	10	18 46 8.11	3.460	16 34 40.5	4.010	(393.)
735	8. 9	18 46 10.17	3.542	19 49 12.0	4.013	IV. Ll.
736	8	18 46 14.76	3.463	16 42 32.5	4.020	(395.)
737	8. 9	18 46 18.17	3.559	20 26 28.3	4.024	V. Ll.
738	9. 10	18 46 30.57	3.526	19 9 43.7	4.043	(394.)
739	8. 9	18 46 49.71	3.552	20 12 6.3	4.071	VI. Ll.
740	6	18 46 52.62	3.459	16 33 11.0	4.075	VII.
741	7	18 47 5.58	3.459	16 32 2.3	4.093	VIII.
742	9. 10	18 47 15.73	3.424	15 8 25.5	4.107	(330.)
743	9	18 47 17.42	3.421	15 0 6.4	4.109	IX. Ll.
744	7	18 47 26.77	3.518	18 53 41.5	4.123	X.
745	10	18 47 32.43	3.519	18 55 34.7	4.130	(397.)
746	8	18 47 47.93	3.547	19 59 44.4	4.152	(398.)
747	8	18 48 12.93	3.422	15 2 51.0	4.188	XI. Ll. B.
748	7. 8	18 48 25.46	3.568	20 50 50.1	4.206	XII. Ll.
749	10	18 48 45.71	3.510	18 36 52.9	4.235	(397.)
750	8	18 48 46.47	3.529	19 20 43.4	4.237	(394.)
751	8	18 48 56.75	3.543	19 54 4.4	4.252	(398.)
752	10	18 48 56.70	3.442	15 52 53.6	4.252	XIII.

I. (330) +0.04 [-26.7]; (364) -0.03 0.0. **II.** (398) -0.36 +1.6; (407) +0.36 -1.7. **III.** (363) +0.16 -5.4; (378) -0.15 +5.4. **IV.** (394) +0.06 -0.9; (397) -0.06 +0.8. **V.** (398) -0.23 -2.3; (407) +0.23 +1.3; (408) 0.00 +1.0. **VI.** (398) -0.01 -3.5; (407) +0.27 +4.8; (408) -0.27 -1.4. **VII.** (393) +0.09 -2.2; (395) -0.08 +2.2. **VIII.** (393) +0.05 +0.2; (395) -0.04 -0.3. **IX.** (330) +0.09 +0.1; (332) -0.08 +0.8; (377) +0.30 -0.6; (378) -0.29 -0.2. **X.** (394) +0.06 -1.0; (397) -0.05 +1.0. **XI.** (330) +0.05 -3.0; (332) +0.17 +1.6; (364) +0.18 +0.6; (377) -0.12 +0.1; (378) -0.28 +0.5. **XII.** (407) -0.01 -2.7; (408) +0.01 +2.6. **XIII.** (330) +0.08 -3.4; (393) -0.08 +3.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h m s	s	° ′ ″	″	
753	8	18 49 16.78	+ 3.562	- 20 37 7.5	+ 4.280	I. Ll.
754	10	18 49 40.02	3.529	19 22 16.9	4.313	(394.)
755	8	18 49 41.22	3.513	18 43 39.4	4.314	(397.) Ll.
756	9. 10	18 49 52.85	3.433	15 31 31.2	4.332	II.
757	9	18 49 56.04	3.465	16 50 1.6	4.336	III.
758	7	18 50 34.13	3.532	19 28 36.0	4.390	(394.)
759	6. 7	18 50 40.01	3.518	18 55 53.2	4.398	(397.) Ll.
760	8	18 51 0.74	3.452	16 18 30.8	4.428	IV. Ll.
761	8	18 51 3.47	3.510	18 38 7.7	4.431	(397.) Ll.
762	9. 10	18 51 9.00	3.432	15 30 47.1	4.440	V.
763	9. 10	18 51 10.14	3.571	21 0 7.1	4.441	VI.
764	10	18 51 11.04	3.532	19 30 11.0	4.442	(394.)
765	8	18 51 22.87	3.442	15 54 6.2	4.459	VII. Ll.
766	8	18 51 45.26	3.541	19 51 38.7	4.490	(407.)
767	9	18 51 44.49	3.566	20 49 39.4	4.489	(398.)
768	8	18 52 15.13	3.533	19 33 7.9	4.532	VIII.
769	10	18 52 20.38	3.454	16 25 8.0	4.540	XI.
770	8. 9	18 52 45.07	3.545	20 1 42.6	4.575	X.
771	9	18 52 50.74	3.452	16 20 35.1	4.584	XI.
772	7	18 52 59.09	3.431	15 29 20.8	4.596	XII. R.
773	9	18 53 23.02	3.510	18 35 15.2	4.629	XIII.
774	8	18 53 25.48	3.469	17 3 50.9	4.632	(395.) Ll.
775	8	18 53 48.16	3.559	20 37 12.5	4.664	(398.)
776	7	18 54 14.73	3.530	19 27 24.3	4.703	(394.) Ll.

I. (398) -0.03 -0.9; (408) +0.04 +0.8. **II.** (330) -0.01 -1.0; (364) -0.14 +0.8; (377) +0.15 +0.3. **III.** (393) -0.02 -1.2; (395) +0.02 +1.1. **IV.** (393) -0.07 -0.7; (395) +0.07 +0.7. **V.** (364) +0.21 0.0; (378) -0.21 -0.0. **VI.** (398) -0.22 -8.5; (408) +0.22 +8.5. **VII.** (363) [-0.85] -1.0; (393) -0.01 +0.8; (395) +0.01 +0.1. **VIII.** (394) -0.19 +1.0; (397) +0.20 -1.0. **IX.** (393) -0.15 +2.7; (395) +0.12 -2.8. **X.** (398) -0.02 0.0; (408) +0.02 —. **XI.** (393) -0.12 +3.7; (395) +0.12 -2.8. **XII.** (364) +0.11 0.0; (377) +0.13 +0.8; (378) -0.25 -0.8. **XIII.** (394) -0.32 +3.7; (397) +0.33 -3.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
777	8	18 54 17.75	+ 3.448	-16 11 55.7	+ 4.707	I.
778	8	18 54 18.21	3.526	19 18 54.8	4.707	(394.) Ll.
779	9	18 54 30.26	3.421	15 5 27.6	4.725	II. Ll.
780	8	18 54 40.63	3.552	20 20 30.2	4.739	III.
781	8	18 54 45.70	3.518	19 1 6.9	4.746	IV.
782	10	18 54 55.38	3.430	15 29 43.2	4.761	(378.)
783	9	18 55 12.92	3.448	16 13 4.6	4.785	V.
784	9	18 55 25.78	3.552	20 21 32.5	4.803	VI.
785	8. 9	18 56 1.11	3.515	18 55 19.2	4.853	(397.)
786	8. 9	18 56 10.24	3.469	17 4 41.1	4.866	VII. Ll.
787	8	18 56 20.75	3.540	19 54 25.3	4.881	(398.)
788	9	18 56 28.49	3.505	18 31 0.2	4.891	(397.)
789	8	18 56 34.70	3.468	17 5 9.6	4.901	VIII. Ll.
790	7. 8	18 57 5.49	3.439	15 52 52.9	4.945	IX.
791	8	18 57 17.18	3.501	18 23 14.5	4.961	(397.)
792	10	18 57 28.66	3.439	15 52 40.3	4.979	(333.)
793	9. 10	18 57 38.50	3.426	15 21 43.3	4.991	(330.)
794	10	18 57 43.77	3.538	19 52 55.6	5.000	(408.)
795	8. 9	18 58 8.91	3.434	15 41 49.5	5.035	X.
796	6	18 58 14.33	3.453	16 27 16.6	5.042	XI. Ll.
797	6	18 58 21.40	3.515	18 57 49.0	5.051	(397.)
798	10	18 58 27.38	3.425	15 20 23.1	5.060	(330.)
799	9	18 59 13.86	3.426	15 21 0.0	5.127	XII. Ll.
800	8. 9	18 59 21.10	3.488	17 53 58.8	5.135	(397.)
801	10	18 59 25.51	3.428	15 27 4.0	5.142	(330.)

I. (393) +0.09 +3.2; (395) -0.08 -3.2. **II.** (364) +0.12 +1.8; (378) -0.12 -1.8. **III.** (398) -0.12 -1.2; (408) +0.12 +1.1. **IV.** (394) -0.01 -0.9; (397) +0.02 +0.9. **V.** (393) -0.14 +4.2; (395) +0.15 -4.2. **VI.** (398) -0.05 -3.0; (407) +0.10 +0.6; (408) -0.05 +2.4. **VII.** (393) +0.20 +0.4; (395) -0.20 -0.4. **VIII.** (393) -0.06 -0.1; (395) +0.07 +0.1. **IX.** (333) -0.33 -2.6; (363) -0.09 -0.8; (364) +0.24 -0.6; (377) +0.17 +3.9. **X.** (333) -0.19 -0.3; (377) +0.20 +0.2. **XI.** (393) -0.11 +0.7; (395) +0.11 -0.8. **XII.** (330) 0.00 -2.9; (333) +0.01 +1.0; (377) -0.02 +2.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
802	8	18 59 52.39	+ 3.443	− 16 6 36.2	+ 5.180	(393.)
803	9	19 0 9.80	3.546	20 13 59.6	5.204	(408.)
804	7	19 0 10.50	3.513	18 54 52.5	5.204	(397.) Ll.
805	8	19 0 13.74	3.484	17 45 45.8	5.210	(393.)
806	8	19 0 23.34	3.507	18 43 19.5	5.222	(397.) Ll.
807	8	19 0 42.03	3.442	16 4 27.1	5.249	(410.) Ll.
808	10	19 0 43.00	3.436	15 47 0.9	5.250	(377.)
809	9	19 0 46.99	3.547	20 16 31.6	5.256	(408.)
810	8	19 1 22.03	3.483	17 44 30.5	5.306	(393.)
811	10	15 1 34.57	3.437	15 53 46.6	5.324	I.
812	9. 10	19 1 52.53	3.530	19 38 53.0	5.349	(397.)
813	10	19 2 5.60	3.545	20 12 47.0	5.368	(408.)
814	8	19 2 18.53	3.423	15 18 2.0	5.387	II.
815	7	19 2 26.44	3.554	20 35 16.8	5.396	(398.) Ll.
816	7. 8	19 2 28.90	3.444	16 9 38.7	5.401	III. Ll.
817	8. 9	19 2 44.31	3.429	15 34 47.6	5.422	IV. Ll.
818	10	19 2 46.05	3.543	20 9 42.6	5.424	(408.)
819	9. 10	19 2 49.68	3.426	15 27 3.3	5.430	V. Ll.
820	10	19 2 51.58	3.452	16 30 20.3	5.433	(393.)
821	8	19 2 59.04	3.554	20 37 29.0	5.443	(398.) Ll.
822	7. 8	19 3 12.16	3.524	19 25 53.5	5.461	(397.)
823	8	19 3 31.69	3.456	16 40 20.7	5.489	VI. Ll.
824	10	19 3 38.49	3.453	16 32 24.3	5.499	(393.)
825	8	19 3 47.56	3.549	20 28 19.9	5.511	(398.)
826	8	19 3 57.38	3.525	19 28 31.6	5.524	(397.) Ll.
827	9	19 4 10.71	3.548	20 26 12.6	5.543	VII.
828	9	19 4 14.09	3.470	17 14 37.2	5.548	VIII.

I. (332) -0.04 +0.6; (410) +0.05 -0.6. II. (330) -0.03 +0.2; (333) +0.04 -0.9; (364) -0.02 +1.8; (377) +0.01 -1.1. III. (393) +0.20 -0.3; (395) -0.19 +0.2. IV. (330) -0.03 -2.5; (333) -0.11 +0.5; (377) +0.13 +1.9. V. (330) -0.05 -0.5; (333) +0.05 +0.5. VI. (395) +0.02 +0.3; (410) -0.01 -0.4. VII. (398) -0.12 -0.9; (407) +0.12 +0.8. VIII. (395) +0.03 -1.7; (410) -0.03 +1.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
829	9	19 4 15.92	+ 3.555	- 20 40 7.8	+ 5.550	I.
830	10	19 4 34.68	3.471	17 21 10.4	5.577	(393.)
831	9	19 4 37.49	3.520	19 6 7.7	5.580	(397.) Ll.
832	9	19 4 52.83	3.555	20 26 21.4	5.602	(398.)
833	10	19 5 9.51	3.548	20 10 26.2	5.626	(408.)
834	8	19 5 20.23	3.466	16 55 49.1	5.640	II.
835	9	19 5 30.66	3.420	15 3 20.3	5.655	(330.)
836	8	19 5 38.95	3.496	18 9 6.9	5.667	(397.)
837	10	19 5 50.41	3.548	20 10 1.2	5.682	(408.)
838	8. 9	19 6 4.76	3.474	17 16 7.5	5.703	III.
839	9	19 6 8.65	3.492	17 58 37.0	5.709	(397.)
840	9. 10	19 6 16.29	3.476	17 20 34.7	5.718	IV.
841	8	19 6 35.73	3.545	20 2 31.4	5.746	V. Ll.
842	10	19 6 42.67	3.534	19 37 14.8	5.756	(397.)
843	8	19 6 49.28	3.452	16 21 14.5	5.765	(395.) Ll.
844	8. 9	19 7 10.28	3.421	15 5 39.9	5.794	(378.)
845	9	19 7 11.72	3.454	16 32 8.2	5.797	(395.)
846	9	19 7 14.02	3.454	16 33 19.3	5.800	(395.)
847	8	19 7 18.99	3.466	16 52 46.0	5.807	(393.)
848	8. 9	19 7 20.46	3.421	15 5 40.0	5.808	(333.)
849	8	19 7 23.90	3.516	18 54 41.3	5.813	(397.) Ll.
850	10	19 7 35.90	3.440	15 51 13.0	5.829	VI.
851	8	19 7 41.55	3.464	16 49 37.7	5.838	(393.)
852	7. 8	19 8 11.39	3.465	16 52 0.2	5.878	(410.)
853	7. 8	19 8 11.39	3.476	17 18 47.9	5.895	(410.)
854	8	19 8 36.30	3.511	19 1 37.7	5.913	(397.)
855	8	19 8 41.11	3.506	18 50 36.7	5.920	(397.)
856	9	19 9 13.09	3.452	16 37 39.7	5.965	(393.)

I. (407) +0.08 -0.3; (408) -0.07 +0.3. **II.** (395) +0.10 +0.8; (410) -0.10 -0.8. **III.** (393) 0.00 -0.3; (410) +0.01 +0.3. **IV.** (393) -0.11 +1.7; (410) +0.11 -1.7. **V.** (398) -0.14 0.0; (408) +0.14 [-20.0]. **VI.** (333) +0.18 0.0; (378) -0.18 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
857	9	19 9 27.63	+ 3.553	- 20 42 25.1	+ 5.986	(408.)
858	8. 9	19 9 29.25	3.441	16 13 8.4	5.988	(395.) Ll.
859	9. 10	19 9 31.50	3.412	15 0 48.8	5.992	(330.)
860	8. 9	19 9 32.50	3.447	16 32 12.5	5.992	I.
861	8	19 9 35.77	3.459	16 57 13.2	5.997	(410.)
862	9	19 9 38.94	3.467	17 16 0.5	6.002	(410.)
863	6. 7	19 9 43.98	3.509	18 57 46.2	6.009	(397.) Ll.
864	8	19 9 57.82	3.510	19 0 10.3	6.028	(397.)
865	8	19 9 59.19	3.534	19 59 23.5	6.030	(398.)
866	9. 10	19 10 8.05	3.413	15 3 8.9	6.042	II.
867	6. 7	19 10 26.71	3.431	15 47 33.1	6.068	(378.) R.
868	7. 8	19 10 33.47	3.440	16 10 37.1	6.076	(395.) Ll.
869	9	19 10 44.22	3.465	17 13 22.1	6.092	(410.)
870	10	19 10 45.13	3.419	15 18 18.9	6.093	(330.)
871	9	19 11 1.52	3.466	17 16 44.3	6.117	(410.)
872	10	19 11 10.39	3.433	15 54 50.8	6.128	III.
873	6. 7	19 11 11.03	3.524	19 38 13.2	6.129	(397.) Ll.
874	10	19 11 15.38	3.539	20 11 41.4	6.135	(408.)
875	9	19 11 42.42	3.515	19 16 8.3	6.172	(397.)
876	10	19 11 46.70	3.426	15 38 15.3	6.179	IV.
877	8	19 11 52.21	3.467	17 19 3.0	6.186	V.
878	10	19 11 55.04	3.445	16 24 47.8	6.190	(395.)
879	10	19 12 1.46	3.424	15 34 34.6	6.200	VI.
880	8	19 12 30.28	3.506	18 55 29.5	6.238	(397.)
881	10	19 12 31.94	3.537	20 9 35.1	6.241	(408.)
882	7. 8	19 13 2.38	3.471	17 31 15.0	6.283	(410.)
883	6	19 13 5.72	3.496	17 34 55.6	6 288	(397.) Ll.

I. (393) +0.01 +3.3; (395) 0.00 -3.3. **II.** (330) +0.08 +1.1; (333) +0.18 -0.1; (378) -0.27 -1.1. **III.** (330) +0.05 +1.0; (333) -0.04 -1.1. **IV.** (330) -0.06 -2.9; (333) +0.06 +2.9. **V.** (393) -0.10 +0.1; (395) [-1.36] +1.2; (410) +011 -1.3. **VI.** (330) +0.02 -1.4; (333) -0.01 +1.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
884	5	19 13 7.91	+ 3.439	- 16 13 56.6	+ 6.291	I. Ll.
885	9	19 13 38.92	3.455	16 52 8.1	6.334	(410.)
886	6	19 13 47.28	3.555	20 55 8.4	6.345	(398.)
887	10	19 14 21.52	3.537	20 14 5.2	6.393	(408.)
888	9. 10	19 14 27.15	3.431	15 51 50.8	6.400	(393.)
889	9	19 14 44.49	3.469	18 16 43.7	6.424	(397.)
890	8	19 14 51.13	3.453	16 47 20.8	6.433	(410.)
891	7	19 15 2.28	3.436	16 5 46.3	6.449	II. Ll.
892	9	19 15 2.72	3.543	20 29 12.2	6.450	(398.)
893	8	19 15 9.03	3.469	17 28 42.6	6.459	III. Ll.
894	10	19 15 35.13	3.531	19 59 57.4	6.494	(408.)
895	8. 9	18 15 43.51	3.542	20 26 34.7	6.507	(398.)
896	8. 9	19 15 55.96	3.553	20 52 48.7	6.523	(398.)
897	9	19 16 17.94	3.476	17 47 28.5	6.554	(410.)
898	8. 9	19 16 26.83	3.481	17 58 40.2	6.566	(397.)
899	8. 9	19 16 39.84	3.479	17 55 59.9	6.584	(397.)
900	8	19 16 40.74	3.459	17 7 27.9	6.585	IV.
901	8	19 16 42.65	3.457	17 1 47.7	6.587	(395.)
902	8	19 17 16.63	3.431	15 56 52.5	6.636	(393.)
903	9. 10	19 17 40.80	3.551	20 52 52.6	6.668	V. Ll.
904	8	19 18 8.02	3.457	17 4 38.9	6.706	VI.
905	10	19 18 17.53	3.488	18 20 31.6	6.719	(397.)
906	9	19 18 20.68	3.446	16 35 55.9	6.723	(393.)
907	9	19 18 25.58	3.422	15 35 13.6	6.730	VII. Ll.
908	10	19 18 27.45	3.553	20 57 6.5	6.732	(408.)
909	10	19 18 33.09	3.422	15 35 56.9	6.740	(330.) Ll.
910	9. 10	19 18 43.41	3.545	20 39 39.8	6.754	(398.) Ll.

I. (393) +0.02 +0.2; (395) -0.01 -0.2. **II.** (393) +0.07 -0.3; (395) -0.07 +0.3. **III.** (395) -0.04 -0.4; (410) +0.05 +0.4. **IV.** (395) -0.07 -2.3; (410) +0.08 +2.2. **V.** (398) -0.07 -2.9; (408) +0.07 +2.8. **VI.** (395) -0.02 +0.2; (410) +0.02 -0.3. **VII.** (330) -0.19 -2.4; (333) -0.13 +1.4; (378) +0.22 +1.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
911	7. 8	19 18 46.59	+ 3.494	- 18 38 52.0	+ 6.758	(397.)
912	9	19 18 50.42	3.422	15 36 27.0	6.763	I.
913	8	19 18 58.51	3.449	16 44 53.1	6.776	II.
914	9. 10	19 19 14.03	3.549	20 48 52.5	6.797	(408.) Ll.
915	7. 8	19 19 21.69	3.495	18 39 29.1	6.807	(397.) Ll.
916	9. 10	19 19 36.61	3.443	16 30 38.6	6.828	(410.)
917	8	19 20 3.49	3.417	15 24 8.4	6.864	III. Ll.
918	9. 10	19 20 11.58	3.441	16 25 50.2	6.876	(410.)
919	8. 9	19 20 13.51	3.450	16 49 5.4	6.878	IV.
920	9	19 20 22.70	3.488	18 22 11.5	6.890	(397.)
921	9. 10	19 21 14.89	3.524	19 51 29.6	6.961	(408.) Ll.
922	8. 9	19 21 22.82	3.474	17 51 56.0	6.972	(410.)
923	8	19 21 26.77	3.436	16 16 53.4	6.977	V. Ll.
924	10	19 21 36.23	3.420	15 36 49.5	6.991	(364.)
925	8	19 22 7.99	3.465	17 30 34.3	7.033	(410.)
926	8	19 22 11.12	3.441	16 28 32.1	7.038	VI. Ll.
927	8	19 22 16.14	3.466	17 32 31.5	7.045	(410.)
928	8. 9	19 22 39.19	3.446	16 42 24.7	7.077	(393.) Ll.
929	8. 9	19 23 2.44	3.466	17 32 31.3	7.105	(410.)
930	9	19 23 15.93	3.543	20 42 46.3	7.127	(408.) Ll.
931	8. 9	19 23 21.38	3.455	17 7 22.5	7.133	(410.) Ll.
932	9. 10	19 23 34.31	3.405	15 1 24.3	7.151	(330.) B.
933	8	19 23 51.92	3.430	16 3 55.8	7.176	(393.) Ll.
934	9. 10	19 23 52.24	3.410	15 14 30.6	7.176	(330.) Ll
935	9. 10	19 24 24.47	3.460	17 22 25.1	7.220	(393.)
936	8	19 24 43.45	3.450	16 55 34.3	7.247	VII.
937	8. 9	19 24 44.38	3.412	15 19 17.8	7.247	VIII. Ll.

I. (330) -0.01 +0.1; (333) +0.02 -0.1. **II.** (393) -0.02 -0.4; (395) +0.03 -0.1; (410) -0.02 +0.4. **III.** (330) -0.03 [-9.7[; (333) -0.09 0.0; (377) -0.17 -0.4; (378) +0.28 +0.4. **IV.** (393) +0.20 +2.9; (395) -0.19 -2.9. **V.** (393) +0.04 +1.3; (395) -0.04 -1.3. **VI.** (393) +0.04 +0.3; (395)-0.03 -0.3. **VII.** (393) +0.08 -0.9; (410) -0.08 +0.9. **VIII.** (330) -0.10 +1.3; (378) +0.11 -1.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850.	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
938	9	19 25 16.24	+ 3.431	-16 8 34.4	+ 7.291	(395.)
939	8	19 25 21.76	3.521	19 53 21.7	7.299	I.
940	10	19 25 29.35	3.413	15 22 14.3	7.308	(330.)
941	9	19 25 29.68	3.446	17 38 14.3	7.310	(410.)
942	8	19 25 38.08	3.442	16 37 42.7	7.320	II. Ll.
943	7	19 25 42.83	3.448	16 51 40.2	7.328	(410.) Ll.
944	9. 10	19 25 48.58	3.413	15 23 45.7	7.336	III.
945	9	19 27 19.56	3.427	16 1 58.6	7.459	IV.
946	10	19 27 24.37	3.544	20 53 28.8	7.464	(408.)
947	8. 9	19 27 27.20	3.504	19 13 49.5	7.468	(397.)
948	6. 7	19 27 41.32	3.501	19 10 45.2	7.487	(397.) Ll.
949	8	19 28 2.53	3.465	17 39 43.7	7.517	V.
950	8. 9	19 28 4.92	3.500	19 6 43.8	7.519	(397.) Ll.
951	10	19 28 20.42	3.539	20 41 44.3	7.540	(408.)
952	7. 8	19 28 20.59	3.482	18 23 36.8	7.541	(409.) Ll.
953	9. 10	19 28 27.75	3.444	16 46 37.1	7.550	(410.)
954	9. 10	19 28 29.81	3.407	15 13 37.1	7.553	(330.)
955	10	19 28 36.40	3.442	16 41 55.7	7.561	(410.)
956	9	19 28 39.64	3.461	17 29 55.4	7.567	VI.
957	8. 9	19 29 16.75	3.507	19 32 30.7	7.616	(397.)
958	9	19 29 34.29	3.409	15 19 0.5	7.639	VII.
959	10	19 29 36.16	3.541	20 52 18.1	7.642	(408.)
960	10	19 29 38.71	3.428	16 8 14.2	7.646	(393.)
961	10	19 29 43.70	3.483	18 28 26.0	7.653	(409.)
962	10	19 30 4.62	3.458	17 25 45.4	7.680	(395.)
963	8. 9	19 30 16.32	3.509	19 32 48.6	7.696	(397.)

I. (398) -0.09 -0.6; (408) +0.09 +0.6. **II.** (393) +0.02 [-9.2]; (395) -0.02 0.0. **III.** (330) -0.04 +0.5; (378) +0.05 -0.5. **IV.** (393) +0.05 +3.5; (410) -0.04 -3.5. **V.** (393) +0.02 -2.0; (395) -0.01 +2.0. **VI.** (393) +0.11 +0.5; (395) -0.11 -0.5. **VII.** (330) 0.00 -1.4; (333) +0.01 +1.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
964	8. 9	19 30 34.70	+ 3.453	- 17 14 48.0	+ 7.721	I. Ll. R. } Doppelst.
965	8. 9	19 30 35.12	3.453	17 14 48.0	7.721	II. Ll. R. }
966	10	19 30 41.55	3.518	19 56 26.5	7.732	(408.)
967	8	19 31 0.83	3.508	19 34 5.7	7.757	III.
968	10	19 31 2.65	3.421	15 50 12.5	7.760	(333.)
969	10	19 31 3.94	3.417	15 42 36.3	7.761	(333.)
970	9	19 31 12.92	3.527	20 21 11.8	7.773	(408.)
971	8	19 31 20.88	3.412	15 30 17.3	7.784	IV. Ll. R.
972	9	19 31 21.20	3.465	17 47 59.6	7.784	(393.)
973	8. 9	19 31 35.48	3.486	18 39 16.8	7.802	(409.)
974	9	19 31 38.38	3.414	15 36 50.4	7.806	V.
975	8. 9	19 31 40.02	3.452	17 13 2.8	7.809	VI.
976	9	19 32 3.97	3.516	19 52 40.2	7.841	(398.)
977	5. 6	19 32 7.51	3.437	16 37 55.8	7.846	(410.) Ll. R.
978	9	19 32 27.37	3.417	15 44 42.7	7.872	(330.)
979	9. 10	19 32 55.03	3.400	15 2 7.9	7.909	VII.
980	9	19 33 7.47	3.446	16 59 55.1	7.927	(393.)
981	10	19 33 16.61	3.486	18 41 56.6	7.939	(409.)
982	10	19 33 25.95	3.478	18 20 3.2	7.952	(397.)
983	9	19 33 46.74	3.406	15 18 0.0	7.979	VIII.
984	6	19 33 56.00	3.431	16 24 17.6	7.992	IX. Ll. R.
985	10	19 33 58.73	3.530	20 32 37.5	7.996	(398.)
986	8. 9	10 34 9.30	3.482	18 32 52.0	8.009	X.
987	9	19 34 25.44	3.430	16 22 11.3	8.030	(410.)
988	8	19 34 34.52	3.528	20 30 54.3	8.043	(398.)
989	9	19 34 48.86	3.501	19 22 48.1	8.062	(397.)

I. (395) +0.11 -6.4; (410) -0.10 +6.4. II. (395) -0.11 -6.4; (410) +0.11 +6.4. III. (397) +0.10 +0.3; (409) -0.09 -0.3. IV. (330) +0.15 -0.4; (333) -0.15 +0.4. V. (330) -0.05 -0.4; (333) +0.06 +0.4. VI. (393) -0.02 -0.5; (410) +0.02 +0.4. VII. (333) -0.33 -1.8; (377) +0.12 +1.2; (378) +0.20 +0.5. VIII. (333) +0.08 -0.8; (377) -0.17 +0.7; (378) +0.11 0.0. IX. (395) +0.05 -2.8; (410) -0.05 +2.8. X. (397) +0.25 +0.8; (409) -0.24 -0.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
990	9	19 34 57.02	+ 3.429	- 16 19 39.1	+ 8.073	(410.)
991	5. 6	19 35 0.10	3.417	15 48 45.5	8.077	(377.) Ll.
992	8	19 35 51.90	3.461	17 45 13.4	8.147	I. Ll.
993	9	19 36 4.52	3.488	18 52 47.2	8.162	II.
994	10	19 36 35.62	3.463	17 50 34.1	8.205	(410.)
995	9	19 36 38.37	3.453	17 26 17.3	8.207	(395.)
996	9	19 36 42.23	3.408	15 27 59.2	8.213	III.
997	9	19 37 38.20	3.412	15 42 27.6	8.287	(377.)
998	10	19 37 43.20	3.501	19 28 49.2	8.294	(397.)
999	9	19 37 44.89	3.478	18 30 45.0	8.296	(409.)
1000	9. 10	19 38 5.04	3.455	17 32 29.5	8.323	IV.
1001	10	19 38 14.13	3.402	15 14 37.2	8.335	(364.)
1002	7	19 38 20.09	3.519	20 14 30.7	8.343	(398.) Ll.
1003	7	19 38 31.64	3.452	17 26 25.9	8.359	V.
1004	8. 9	19 38 35.71	3.491	19 6 17.6	8.364	(409.)
1005	8. 9	19 39 1.80	3.502	19 34 35.4	8.399	(397.)
1006	7. 8	19 39 3.36	3.452	17 25 54.4	8.400	VI.
1007	8	19 39 22.50	3.488	19 0 26.1	8.425	(409.)
1008	8. 9	19 39 59.98	3.430	16 31 53.4	8.475	VII.
1009	9. 10	19 40 26.88	3.405	15 27 15.4	8.510	(364.)
1010	10	19 40 40.04	3.459	17 47 38.1	8.527	(410.)
1011	10	19 41 3.52	3.504	19 43 50.1	8.559	(409.)
1012	9. 10	19 41 29.01	3.469	18 14 8.4	8.592	(397.)
1013	8	19 41 33.42	3.470	18 19 32.6	8.597	VIII.
1014	9	19 41 53.28	3.401	15 18 33.2	8.624	IX.
1015	9. 10	19 41 56.19	3.412	15 47 44.4	8.628	X.

I. (395) +0.05 -2.5; (410) -0.04 +2.5. **II.** (397) +0.30 +0.7; (409) -0.30 -0.8. **III.** (364) +0.15 -0.2; (377) -0.15 +0.2. **IV.** (395) +0.05 +0.2; (410) -0.05 -2.1. **V.** (395) -0.11 -1.0; (410) +0.12 +0.9. **VI.** (395) [-1.29] -1.4; (410) 0.00 +1.4. **VII.** (395) -0.01 -1.3; (410) +0.02 +1 3. **VIII.** (397) +0.15 -0.3; (409) -0.14 +0.2. **IX.** (377) -0.03 -0.2; (378) +0.04 +0.2. **X.** (364) +0.25 +0.1; (410) -0.25 -0.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1016	8	19 42 43.83	+ 3.405	- 15 32 22.5	+ 8.690	(378.)
1017	8	19 42 51.47	3.499	19 35 19.3	8.700	(409.)
1018	7. 8	19 42 56.93	3.422	16 14 46.4	8.708	(393.
1019	10	19 42 57.19	3.416	15 59 22.2	8.708	(410.)
1020	8	19 43 6.69	3.412	15 51 0.7	8.721	(393.)
1021	9	19 43 7.63	3.453	17 38 44.1	8.721	(395.)
1022	7. 8	19 43 13.07	3.396	15 9 15.9	8.729	I.
1023	9. 10	19 43 24.16	3.524	20 37 39.6	8.743	(398.)
1024	6. 7	19 43 28.38	3.494	19 25 17.3	8.748	(409.) R.
1025	8	19 43 50.67	3.444	17 15 54.5	8.779	(410.)
1026	8	19 43 53.38	3.502	19 45 16.6	8.782	(397.)
1027	8	19 43 53.45	3.477	18 43 24.5	8.782	(397.)
1028	10	19 43 57.02	3.412	15 50 54.6	8.787	(364.)
1029	9. 10	19 44 16.37	3.447	17 24 39.0	8.812	II.
1030	8. 9	19 44 26.71	3.499	19 38 44.9	8.826	(397.)
1031	10	19 44 43.93	3.467	18 17 30.8	8.848	(409.)
1032	9	19 45 13.32	3.438	17 1 50.6	8.887	III.
1033	9	19 45 30.98	3.456	17 47 52.5	8.910	(410.)
1034	7. 8	10 45 47.37	3.490	19 19 16.4	8.931	(409.)
1035	9. 10	19 45 49.18	3.502	19 50 46.7	8.934	(397.)
1036	8	19 46 8.55	3.420	16 18 7.6	8.961	IV.
1037	8. 9	19 46 18.66	3.446	17 26 17.3	8.974	V.
1038	9	19 46 18.98	3.486	19 9 19.6	8.974	(409.)
1039	9	19 46 22.76	3.523	20 43 52.9	8.979	(398.)
1040	8	19 47 14.20	3.487	19 15 53.7	9.045	(397.)
1041	9	19 47 25.95	3.408	15 47 43.7	9.061	VI.
1042	9	19 47 48.94	3.429	16 45 53.5	9.091	VII.

I. (377) +0.05 +0.3; (378) -0.04 -0.3. **II.** (395) -0.06 +1.1; (410) +0.07 -1.1; **III.** (393) -0.20 -0.6; (395) +0.21 +0.6. **IV.** (393) +0.05 +0.5; (395) -0.14 -6.0; (410) +0.08 +5.6. **V.** (393) -0.02 -0.5; (410) +0.03 +0.5. **VI.** (377) +0.17 -1.8; (378) -0.02 +0.6; (410) -0.16 +1.2. **VII.** (393) -0.05 -0.2; (395) +0.06 +0.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1043	8	19 48 2.67	+ 3.414	- 16 5 51.1	+ 9.109	I.
1044	8	19 48 8.81	3.460	18 8 18.0	9.117	(397.)
1045	8. 9	19 48 41.82	3.502	19 55 24.9	9.160	(398.)
1046	9. 10	19 48 52.51	3.444	17 28 49.6	9.174	(410.)
1047	9	19 49 4.22	3.408	15 51 3.8	9.188	(393.) Ll.
1048	8. 9	19 49 4.68	3.408	15 50 58.5	9.189	II. Ll.
1049	6. 7	19 49 26.40	3.409	15 53 6.7	9.217	III. Ll.
1050	9	19 49 32.68	3.450	19 1 1.1	9.226	IV.
1051	8	19 49 39.65	3.419	16 21 55.7	9.235	(410.)
1052	7. 8	19 49 54.32	3.474	18 46 59.8	9.253	(397.)
1053	8	19 50 14.14	3.513	20 29 11.6	9.279	(398.)
1054	8. 9	19 50 23.73	3.464	18 21 36.1	9.292	(409.)
1055	9	19 50 40.00	3.419	16 26 7.7	9.313	V.
1056	7. 8	19 50 59.82	3.515	20 36 50.4	9.338	(398.)
1057	9. 10	19 51 23.79	3.412	16 6 22.3	9.368	(410.)
1058	6	19 51 45.75	3.506	20 15 50.8	9.397	(398.) Ll.
1059	7	19 51 58.61	3.416	16 17 34.0	9.414	VI. Ll.
1060	8	19 52 2.40	3.470	18 41 43.4	9.418	(409.)
1061	10	19 52 16.65	3.412	16 7 49.3	9.437	(410.)
1062	10	19 52 42.72	3.372	14 21 46.7	9.470	(333.) Ll.
1063	9. 10	19 52 43.50	3.388	15 5 25.4	9.470	(330.)
1064	8. 9	19 52 52.08	3.389	15 8 3.8	9.482	VII.
1065	6. 7	19 52 56.19	3.436	17 16 30.9	9.487	(393.) Ll.
1066	8	19 53 14.64	3.452	17 57 37.5	9.511	VIII.
1067	8	19 54 2.01	3.414	16 17 16.6	9.572	IX. Ll.
1068	8	19 54 13.92	3.474	18 57 26.2	9.587	(409.)

I. (393) +0.14 -0.9; (395) -0.24 -0.3; (410) +0.11 +1.3. **II.** (377) -0.32 +0.3; (378) +0.32 -0.3. **III.** (364) +0.24 +2.6; (377) +0.06 —; (378) +0.12 -0.1; (393) -0.26 -0.2; (395) -0.15 -2.4. **IV.** (397) +0.12 +0.1; (409) -0.12 -0.2. **V.** (395) 0.00 -2.8; (410) +0.01 +2.8. **VI.** (393) +0.05 -2.2; (395) -0.20 -1.7; (410) +0.14 +3.9. **VII.** (330) +0.09 -1.5; (364) -0.08 +1.5. **VIII.** (397) +0.13 +0.2; (409) -0.13 -0.2. **IX.** (393) +0.04 -0.2; (395) -0.01 -2.7; (410) -0.02 +2.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1069	9	19 54 16.30	+ 3.418	− 16 28 39.4	+ 9.590	(410.)
1070	10	19 54 26.86	3.398	15 36 2.8	9.603	I.
1071	8	19 54 33.92	3.466	18 39 27.6	9.612	II.
1072	8	19 55 3.68	3.403	15 49 44.0	9.651	III. Ll.
1073	10	19 55 24.98	3.395	15 35 20.4	9.677	(364.)
1074	9. 10	19 55 49.58	3.413	16 19 54.6	9.710	(410.)
1075	9	19 55 50.29	3.408	16 5 30.9	9.710	IV.
1076	9	19 55 58.96	3.518	20 57 13.5	9.722	V.
1077	9	19 56 9.71	3.415	16 26 34.0	9.736	(410.)
1078	10	19 56 10.57	3.393	15 25 7.2	9.737	(333.)
1079	9	19 56 11.33	3.384	15 1 46.4	9.737	VI. B.
1080	8. 9	19 56 21.15	3.477	19 11 31.0	9.749	VII. Ll.
1081	10	19 56 32.05	3.476	19 7 45.6	9.764	VIII.
1082	9	19 56 53.63	3.407	16 4 53.6	9.791	IX.
1083	10	19 56 58.37	3.394	15 30 31.5	9.798	(364.)
1084	9	19 57 3.53	3.517	20 57 35.9	9.804	(398.)
1085	9	19 57 14.27	3.401	15 50 45.3	9.817	(330.)
1086	10	19 57 14.92	3.377	14 45 22.0	9.818	X.
1087	8. 9	19 57 16.13	3.409	16 10 32.7	9.820	XI. Ll.
1088	9	19 57 22.40	3.475	19 7 40.5	9.827	XII. Ll.
1089	7. 8	19 57 43.16	3.507	20 34 0.0	9.854	(398.)
1090	9	19 57 50.46	3.465	18 43 56.9	9.862	XIII. Ll.
1091	9	19 57 57.03	3.389	15 19 50.0	9.871	XIV.
1092	9	19 58 28.13	3.440	17 37 19.1	9.910	XV.

I. (333) +0.07 -1.2; (364) -0.07 +1.2. II. (397) +0.16 -1.9; (409) -0.16 +1.8. III. (330) +0.32 -2.0; (333) -0.09 -1.2; (377) 0.00 +2.2; (378) +0.10 +2.6; (393) -0.34 -1.7. IV. (393) -0.15 +4.2; (395) +0.15 -4.3. V. (398) -0.13 -0.4; (408) +0.14 +0.3. VI. (333) -0.15 +0.8; (377) +0.15 -0.9. VII. (397) +0.29 +0.1; (409) -0.29 -0.1. VIII. (397) +0.04 +0.1; (409) -0.04 -0.2. IX. (395) -0.30 -2.3; (410) +0.30 +2.3. X. (333) -0.05 -1.9; (377) +0.05 +1.8. XI. (393) -0.19 -3.1; (410) +0.19 +3.0. XII. (397) +0.09 -1.9; (409) -0.09 +1.9. XIII. (397) +0.04 -0.4; (409) -0.03 +0.3. XIV. (330) -0.02 -3.8; (378) +0.03 +3.8. XV. (395) -0.22 -2.5; (410) +0.22 +2.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1093	9. 10	19 58 32.70	+ 3.393	- 15 30 38.1	+ 9.917	(364.)
1094	10	19 58 33.11	3.380	14 54 1.3	9.917	(377.)
1095	10	19 58 58.06	3.396	15 41 30.5	9.948	(330.)
1096	7. 8	19 59 1.81	3.500	20 12 18.5	9.954	(398.)
1097	8	19 59 24.79	3.411	16 20 41.1	9.982	(393.)
1098	7	19 59 32.57	3.475	19 14 0.6	9.993	I.
1099	7. 8	20 0 1.18	3.390	15 27 24.4	10.028	II. Ll.
1100	9	20 0 1.77	3.405	16 8 39.6	10.029	(395.)
1101	8	20 0 3.19	3.491	19 57 15.4	10.034	(398.)
1102	9	20 0 35 63	3 487	19 50 49.4	10.072	III.
1103	8	20 1 3.46	3.463	18 46 52.1	10.107	(397.) Ll.
1104	9	20 1 17.98	3 435	17 32 39.7	10.125	(393.)
1105	10	20 1 20.71	3.508	20 49 32.6	10.129	(408.)
1106	10	20 1 38.67	3.511	20 54 51.0	10.154	(408.)
1107	7. 8	20 1 43.47	3.485	19 48 56.0	10.157	IV. Ll.
1108	5. 6	20 2 25.95	3.504	20 42 19.3	10.210	(398.)
1109	8. 9	20 2 35.11	3.431	17 24 23.9	10.221	V.
1110	10	20 2 49.12	3.399	15 56 7.7	10.239	(410.)
1111	7	20 2 50.87	3.506	20 39 26.8	10.241	(398.)
1112	9. 10	20 3 8.07	3.506	20 40 18.4	10.263	(408.)
1113	10	20 3 37.04	3.427	17 18 9.8	10.298	VI.
1114	8. 9	20 3 37.33	3.456	18 35 9.9	10.298	(409.)
1115	10	20 4 18.08	3.397	15 54 26.6	10.340	(393.)
1116	9. 10	20 4 39.43	3.494	20 20 1.2	10.376	(408.)
1117	8	20 4 42.12	3.427	17 19 33.8	10.380	VII.
1118	10	20 4 57.11	3.358	14 7 32.7	10.398	(333.)
1119	8. 9	20 4 57.63	3.395	15 51 34.1	10.400	VIII.

I. (397) +0.10 +0.1; (409) -0.10 -0.1. **II.** (330) +0.39 -4.4; (333) +0.09 -1.7; (377) -0.10 +3.8; (378) -0.36 +2.3. **III.** (398) -0.02 -1.1; (409) +0.02 +1.0. **IV.** (397) +0.07 -1.1; (398) 0.00 —; (409) -0.06 +1.0. **V.** (393) -0.07 0.0; (395) +0.15 0.0; (410) +0.02 —. **VI.** (395) +0.31 -3.5; (410) -0.31 +3.4 **VII.** (395) +0.07 +0.5.; (410) -0.06 -0.6. **VIII.** (330) -0.02 +3.8; (393) +0.03 -3.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1120	9. 10	20 5 22.66	+ 3.444	- 18 7 28.5	+ 10.432	(409.)
1121	8	20 5 26.17	3.422	17 6 55.7	10.435	I. Ll.
1122	9. 10	20 5 26.29	3.502	20 41 17.1	10.435	(408.)
1123	9. 10	20 5 47.74	3.420	17 3 30.0	10.463	(410.)
1124	9	20 5 50.50	3.453	18 32 41.4	10.465	(409.)
1125	8	20 6 2.17	3.478	19 39 25.7	10.480	(397.) Ll.
1126	9	20 6 21.13	3.423	17 12 1.4	10.504	(410.)
1127	9. 10	20 6 37.94	3.506	20 56 50.3	10.525	(398.)
1128	7. 8	20 6 40 24	3.424	17 18 4.9	10.528	(410.) Ll.
1129	9	20 6 57.12	3.393	15 50 0.1	10.548	(377.)
1130	8. 9	20 6 57.31	3.380	15 13 51.4	10.548	(330.)
1131	8. 9	20 7 1.03	3.403	16 18 38.3	10.554	(395.)
1132	9	20 7 2.59	3.470	19 21 49.0	10.557	II.
1133	10	20 7 11.38	3.382	15 20 31.5	10.566	(330.)
1134	8	20 7 31.58	3.412	16 44 57.2	10.592	(395.) Ll.
1135	8	20 7 32.32	3.494	20 28 38.2	10.592	III.
1136	10	20 7 47.29	3.496	20 32 37.9	10.610	(408.)
1137	9	20 7 48.85	3.424	17 18 54.8	10.613	(410.)
1138	8. 9	20 8 18.70	3.387	15 38 19.2	10.650	IV.
1139	7	20 8 22.20	3.458	18 53 21.5	10.654	V. Ll.
1140	8	20 8 33.12	3.491	20 25	10.668	VI.
1141	8	20 8 35.64	3.426	17 26 10.2	10.671	(410.)
1142	8	20 8 57.29	3.401	16 16 56.9	10.697	(395.)
1143	10	20 9 20.98	3.453	18 40 15.4	10.727	(409.)
1144	8	20 9 23.33	3.454	18 43 27.6	10.730	VII. Ll.
1145	10	20 9 37.47	3.409	16 43 11.9	10.746	VIII.
1146	9	20 9 53.65	3.485	20 9 30.3	10.768	IX.

I. (395) +0.02 -0.5; (410) -0.01 +0.4. **II.** (397) +0.14 -1.1; (409) -0.14 +1.0. **III.** (398) -0.12 -2 7; (408) +0.12 +2.7. **IV.** (330) +0.41 +0.5; (378) -0.41 -0.6. **V.** (397) +0.17 0.0; (409) -0.17 -0.1. **VI.** (370) -0.09 -6.6; (408) +0.09 +6.6. **VII.** (397) +0.12 +1.0; (409) -0.12 -1.0. **VIII.** (395) -0.14 -3.9; (410) +0.14 +3.9; **IX.** (398) -0.16 -1.0; (408) +0.17 +1.0.



Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
1147	9. 10	20ʰ 9′ 56″.58	+3″.379	-15° 18′ 31″.0	+10″.771	I.
1148	9. 10	20 10 8.05	3.454	18 47 11.8	10.785	(409.)
1149	8	20 10 8.24	3.444	18 19 14.5	10.785	(397.) Ll.
1150	8	20 10 27.59	3.400	16 19 16.8	10.808	(395.)
1151	9. 10	20 10 37.16	3.481	20 2 14.3	10.820	II.
1152	10	20 10 54.30	3.383	15 32 33.8	10.842	(330.)
1153	10	20 11 4.84	3.404	16 32 3.9	10.855	(410.)
1154	8. 9	20 11 8.93	3.435	17 57 15.6	10.860	(397.)
1155	9	20 11 26.79	3.382	15 29 2.5	10.882	(330.)
1156	10	20 11 40.74	3.383	15 33 13.5	10.999	(330.)
1157	9	20 11 43.79	3.393	16 3 59.2	10.903	III.
1158	6	20 11 46.99	3.481	20 6 46.7	10.906	IV. Ll.
1159	9	20 12 15.88	3.481	20 6 35.2	10.942	V.
1160	7. 8	20 12 16.68	3.448	18 37 29.7	10.943	(397.)
1161	8	20 12 20.79	3.376	15 15 13.9	10.949	(330.) Ll. R.
1162	10	20 12 24.96	3.391	15 57 44.5	10.954	VI.
1163	8	20 12 31.52	3.390	15 53 53.6	10.961	(395.)
1164	6	20 12 34.75	3.376	15 15 1.8	10.966	(330.) Ll. R.
1165	9	20 12 39.64	3.456	19 1 31.6	10.972	(397.)
1166	10	20 12 46.02	3.376	15 17 40.8	10.979	(378.)
1167	8. 9	20 13 44.06	3.458	19 9 39.2	11.051	(397.)
1168	8	20 13 44.83	3.392	16 5 52.9	11.052	VII.
1169	9	20 13 45.52	3.482	20 15 11.4	11.053	VIII.
1170	8	20 13 53.23	3.397	16 18 5.5	11.061	(410.) Ll.
1171	10	20 14 10.98	3.371	15 4 49.4	11.082	(377.) B.
1172	10	20 14 19.48	3.476	20 0 10.6	11.092	(398.)
1173	7. 8	20 14 31.57	3.450	18 49 1.3	11.106	(397.) Ll.

I. (330) +0.10 +0.2; (378) -0.09 -0.3. II. (398) -0.07 0.0; (408) +0.07 -0.1.
III. (395) +0.11 -2.3; (410) -0.10 +2.3. IV. (398) -0.01 —; (408) +0.01 0.0.
V. (398) 0.00 -0.5; (406) 0.00 +0.5. VI. (395) +0.08 -1.4; (410) -0.08 +1.3.
VII. (395) +0.09 -3.4; (410) -0.09 +3.3. VIII. (398) -0.06 -2.1; (408) +0.07 +2.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1174	8	20 14 43.68	+ 3.395	− 16 15 59.1	− 11.122	I. Ll.
1175	8. 9	20 14 57.89	3.447	18 41 36.7	11.140	(397.)
1176	10	20 15 20.24	3.425	17 45 17.5	11.166	(410.)
1177	9	20 15 45.56	3.472	19 54 53.8	11.197	(398.)
1178	8. 9	20 15 59.63	3.420	17 29 29.3	11.214	(395.) Ll. R.
1179	9	20 16 15.93	3.485	20 29 34.3	11.234	(408.)
1180	6	20 16 24.37	3.472	19 54 59.3	11.244	II. Ll.
1181	9	20 16 49.06	3.405	16 50 58.3	11.274	(395.)
1182	9. 10	20 16 53.60	3.373	15 18 6.2	11.280	III. Ll.
1183	10	20 17 15.38	3.477	20 12 11.4	11.305	(408.)
1184	8. 9	20 17 38.85	3.377	15 37 56.5	11.334	(378.) Ll.
1185	7	20 17 58.80	3.426	17 51 46.5	12.358	(410.)
1186	8	20 18 23.06	3.471	20 2 0.2	12.387	(398.)
1187	10	20 18 24.78	3.479	20 20 17.0	12.389	(408.)
1188	9	20 18 35.50	3.419	17 35 13.3	12.402	(410.)
1189	9	20 18 39.02	3.370	15 16 16.8	12.406	IV.
1190	8	20 19 21.69	3.487	20 47 41.4	12.457	(398.)
1191	9	20 19 39.05	3.488	20 51 5.4	13.478	V.
1192	6	20 20 15.85	5.390	16 14 1.2	13.522	(410.)
1193	5	20 20 17.87	3.432	18 18 23.3	13.525	VI. Ll. R.
1194	7	20 20 26.42	3.434	18 21 50.6	13.534	(397.) Ll. R.
1195	9. 10	20 20 37.32	3.374	15 33 10.4	13.547	(333.)
1196	8	20 21 15.97	3.448	19 4 41.4	14.594	(409.) Ll. R.
1197	7. 8	20 21 17.34	3.448	19 4 33.4	14.595	(409.) Ll. R.
1198	10	20 21 39.95	3.397	16 43 47.1	14.622	(410.)
1199	9. 10	20 21 52.89	3.422	17 52 44.8	14.638	VII.
1200	10	20 21 58.93	3.398	16 46 9.1	15.645	(410.)

I. (395) +0.01 −2.9; (410) −0.01 +2.9. II. (397) +0.14 −4.1; (398) −0.16 −0.4; (408) +0.03 +4.4. III. (330) +0.29 +0.6; (378) −0.28 −0.7. IV. (330) +0.01 +0.7; (378) −0.01 −0.7. V. (398) −0.14 −1.4; (408) +0.14 +1.4. VI. (397) +0.25 −2.6; (409) −0.24 +2.5. VI. (395) −0.10 +0.7; (397) +0.10 −0.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1201	7. 8	20 22 39.78	+ 3.373	- 15 33 12.8	+ 11 693	I.
1202	9	20 22 40.21	3.435	18 35 10.9	11.693	II.
1203	10	20 22 41.46	3.472	20 17 55.5	11.694	(398.)
1204	8	20 22 48.91	3.414	17 38 25.8	11.704	(395.)
1205	10	20 23 17.48	3.371	15 30 2.7	11.739	III.
1206	8. 9	20 23 44.28	3.412	17 30 22.2	11.769	(395.)
1207	8. 9	20 23 47.44	3.393	16 38 5.4	11.772	(410.)
1208	8	20 24 1.38	3.403	17 6 48.3	11.789	(395.) Ll. R.
1209	8. 9	20 24 6.62	3.476	20 34 28.2	11.796	(398.)
1210	9	20 24 25.21	3.460	19 48 37.5	11.817	IV.
1211	9	20 24 36.93	3.391	16 31 53.9	11.831	(410.) Ll.
1212	9. 10	20 24 55.71	3.382	16 6 24.0	11.854	(410.)
1213	9	20 25 32.65	3.458	19 47 46.5	11.898	V. Ll.
1214	8	20 25 49.65	3.460	19 54 21.9	11.917	VI. Ll.
1215	9. 10	20 25 56.11	3.375	15 53 44.9	11.924	(410.)
1216	8. 9	20 25 57.59	3.379	16 0 4.4	11.927	(410.)
1217	10	20 26 2.39	3.366	15 23 16.2	11.931	(330.)
1218	10	20 26 4.14	3.408	17 25 36.5	11.934	(395.)
1219	9	20 26 42.88	3.463	20 7 41.8	11.980	(398.)
1220	6	20 27 2.46	3.399	17 2 15.0	12.001	VII. Ll. R.
1221	9	20 27 6.18	3.452	19 35 52.2	12.006	VIII. Ll.
1222	6. 7	20 27 44.91	3.461	20 5 59.3	12.052	IX. Ll.
1223	10	20 28 21.02	3.408	17 31 51.5	12.093	(395.)
1224	10	20 28 46.30	3.421	18 16 45.0	12.123	(409.)
1225	10	20 28 51.05	3.422	18 17 55.6	12 128	(397.)
1226	9	20 28 54.22	3.390	16 42 46.3	12.132	(410.)

I. (330) +0.08 -2.5; (333) +0.26 +2.1. (377) +0.12 +2.0; (378) -0.45 -1.5. **II.** (330) -0.33 -1.4; (333) +0.16 +0.2; (377) +0.17 +1.1. **III.** (397) +0.23 -3.2; (409) -0.23 +3.2. **IV.** (397) +0.20 +0.8; (409) -0.20 -0.9. **V.** (397) +0.15 0.0; (398) -0.20 -0.4; (408) +0.21 +0.5; (409) -0.14 —. **VI.** (395) +0.02 -0.5; (410) -0.01 +0.4. **VII.** (397) +0.07 -0.2; (409) -0.06 +0.2. **VIII.** (398) +0.03 -1.1. (408) -0.03 +1.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1227	8	20 28 56.79	3.369	- 15 39 44.8	+ 12.135	I. R.
1228	8	20 29 18.41	3.408	17 38 28.8	12.161	(395.) Ll.
1229	9. 10	20 29 30.09	3.374	16 0 36.9	12.174	(410.)
1230	8	20 29 38.95	3.458	20 4 52.0	12.185	(398.)
1231	9	20 29 53.17	3.439	19 9 47.1	12.201	II. Ll.
1232	8. 9	20 30 12.42	3.406	17 35 20.6	12.222	(395.)
1233	9	20 30 18.98	3.384	16 28 59.8	12.231	(410.)
1234	10	20 30 22.74	3.356	15 4 32.0	12.236	(333.)
1235	9. 10	20 30 27.12	3.381	16 20 55.2	12.240	(410.)
1236	9. 10	20 30 30.80	3.358	15 13 13.3	12.244	III.
1237	8. 9	20 30 37.79	3.364	15 28 55.4	12.253	(338.)
1238	8	20 30 38.85	3.450	19 48 3.6	12.254	IV. Ll.
1239	7	20 30 53.22	3.363	15 28 35.1	12.270	V. Ll. B.
1240	9. 10	20 30 55.13	3.459	20 11 41.0	12.272	VI.
1241	9. 10	20 31 9.64	3.363	15 29 55.1	12.289	VII. Ll.
1242	6	20 31 29.98	3.427	18 39 47.8	12.312	(409.) Ll. R.
1243	9	20 32 3.00	3.371	15 54 22.1	12.351	VIII. B.
1244	6	20 32 6.39	3.385	16 39 21.0	12.354	(395.) Ll.
1245	10	20 32 12.75	3.371	15 56 52.2	12.362	(410.) B.
1246	8. 9	20 32 14.08	3.439	19 18 8.1	12.363	(397.) Ll.
1247	9	20 32 25.41	3.419	18 19 27.3	12.376	(397.)
1248	9	20 32 38.02	3.352	25 2 23.5	12.391	IX.
1249	9. 10	20 32 44.10	3.366	15 41 0.2	12.398	(338.)
1250	9	20 32 48.29	3.396	17 13 21.6	12.403	(410.)
1251	9	20 33 34.05	3.448	19 50 0.6	12.455	(398.)

I. (333) -0.12 +0.6; (377) 0.00 -0.1; (378) +0.11 -0.6. II. (397) +0.05 -1.7; (409) -0.04 +1.7. III. (330) +0.25 -5.5; (333) -0.17 +3.0; (338) -0.09 +2.5; IV. (397) +0.05 +0.9; (398) -0.11 -3.3; (408) +0.05 +2.5. V. (330) -0.04 0.0; (377) +0.06 -0.8; (378) -0.01 +0.7. VI. (398) -0.13 -1.6; (408) +0.14 +1.6. VII. (330) +0.08 -0.9; (333) +0.06 -0.4; (338) -0.28 +2.0; (377) +0.13 -0.9. VIII. (338) +0.03 —; (410) -0.02 0.0. IX. (330) +0.47 -0.4; (338) -0.29 -0.5; (378) -0.18 +0.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1252	9	20 33 43.79	+ 3.403	- 17 36 38.1	+ 12.467	(395.)
1153	7	20 34 7.20	3.423	18 38 34.4	12.493	I. Ll.
1254	8	20 34 13.68	3.374	16 12 13.0	12.501	(410.)
1255	8	20 34 20.92	3.451	20 1 18.9	12.509	(398.)
1256	10	20 34 26.53	3.466	20 45 28.3	12.516	(408.)
1257	9	20 34 39.27	3.372	16 8 22.7	12.530	(410.)
1258	9	20 35 10.41	3.364	15 43 19.2	12.565	II. B. R.
1259	7. 8	20 35 19.40	3.448	19 52 41.0	12.575	III. Ll.
1260	9. 10	20 35 24.04	3.376	16 20 50.8	12.581	IV.
1261	10	20 35 34.04	3.359	15 30 53.2	12.592	V. B.
1262	9	20 36 0.71	3.440	19 34 59.9	12.622	(397.)
1263	9. 10	20 36 1.67	3.359	15 34 54.4	12.623	VI. B.
1264	9	20 36 22.71	3.357	15 29 53.8	12.648	VII. B.
1265	10	20 36 26.40	3.386	16 53 18.2	12.651	(410.)
1266	9. 10	20 36 48.09	3.378	16 34 32.2	12.676	(410.)
1667	7. 8	20 36 49.09	3.374	16 20 12.9	12.677	(395.)
1268	9	20 36 51.38	3.374	16 19 37.9	12.679	(395.)
1269	10	20 36 56.07	3.446	19 35 40.4	12.685	(409.)
1270	8. 9	20 37 0.01	3.358	15 34 32.6	12.689	VIII. B.
1271	9	20 37 31.34	3.440	19 40 44.4	12.724	IX. Ll.
1272	9	20 37 48.99	3.352	15 16 15.4	12.745	(333.) B.
1273	8	20 37 54.45	3.433	19 21 6.6	12.751	(397.)
1274	9	20 38 2.46	3.446	19 58 52.1	12.759	(408.) Ll.
1275	9	20 38 3.65	3.391	17 14 30.7	12.762	X.
1276	10	20 38 46.47	3.348	15 6 34.9	12.809	(333.)

I. (397) +0.01 -2.2; (409) 0.00 +2.2. II. (333) -0.04 -2.5; (338) -0.14 -2.2; (377) +0.23 +1.5; (378) -0.08 0.0. III. (397) +0.34 -0.5; (398) -0.08 -0.8; (408) -0.09 +2.1; (409) -0.17 -1.0. IV. (395) +0.08 -2.4; (410) -0.08 +2.3. V. (333) +0.28 +0.8; (338) -0.28 -0.8. VI. (330) +0.07 +0.5; (333) +0.05 -0.9; (338) -0.12 +0.5. VII. (330) +0.04 +0.2; (333) +0.01 -0.3; (338) 0.05 +0.1. VIII. (330) -0.07 -1.0; (333) +0.11 +0.5; (338) -0.06 +0.9; (377) +0.01 -0.3; IX. (397) +0.16 -2.8; (409) -0.16 +2.7. X. (395) -0.29 -1.0; (410) +0.30 +0.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1277	8	20 38 49.71	+ 3.428	− 19 9 55.3	+ 12.813	I.
1278	8	20 39 2.99	3.369	16 9 42.7	12.828	(395.)
1279	9	20 39 30.70	3.384	17 0 39.7	12.858	(410.)
1280	8	20 39 38.48	3.439	19 48 25.9	12.867	(408.) Ll.
1281	8	20 39 41.45	3.382	16 53 39.1	12.869	II. R.
1282	6	20 39 46.58	3.385	17 4 0.9	12.876	(410.)
1283	8. 9	20 39 52.98	3.418	18 44 55.2	12.884	III. Ll. } Doppelst.
1284	8	20 39 54.21	3.418	18 45 3.2	12.885	IV. Ll. } Doppelst.
1285	9 10	20 40 6.19	3.354	15 27 17.9	12.897	V. B.
1286	10	20 40 7.96	3.444	20 1 45.1	12.899	(408.)
1287	10	20 40 42.74	3.345	15 1 57.2	12.938	(333.)
1288	8. 9	20 40 48.03	3.417	18 46 16.3	12.943	(397.) Ll.
1289	10	20 40 47.96	3.346	15 5 21.3	12.944	(333.)
1290	10	20 41 39.54	3.383	17 6 10.8	13.002	(410.)
1291	8. 9	20 42 11.74	3.363	16 3 58.9	13.038	(395.) Ll.
1292	9	20 42 16.26	3.349	15 21 16.3	13.042	(333.)
1293	10	20 42 17.54	3.416	18 47 15.8	13.044	(409.)
1294	8. 9	20 42 29.05	3.357	15 45 18.7	13.056	VI.
1295	8. 9	20 42 39.97	3.380	16 58 18.0	13.069	VII. R.
1296	8. 9	20 43 1.23	3.401	18 3 42.2	13.092	(409.) Ll. R.
1297	10	20 43 30.08	3.381	17 4 19.3	13.124	(410.)
1298	8. 9	20 43 40.79	3.442	20 12 8.7	13.136	(408.) Ll.
1299	8	20 44 24.54	3.373	16 43 28.7	13.184	(410.) Ll.
1300	9	20 44 27.85	3.400	18 7 6.2	13.187	(409.)
1301	10	20 44 29.36	3.373	16 43 30.5	13.188	(395.) Ll.
1302	7. 8	20 44 58.73	3.430	19 40 33.6	13.221	(409.) Ll.
1303	8. 9	20 45 14.51	3.386	17 26 46.7	13.239	(410.)

I. (397) +0.04 −2.3; (409) −0.03 +2.2. **II.** (395) −0.19 −4.0; (410) +0.20 +3.9. **III.** (397) +0.12 −0.3; (409) −0.11 +0.2. **IV.** (397) +0.03 −2.3; (409) −0.02 +2.2. **V.** (333) +0.03 +1.9; (338) −0.03 −2.0. **VI.** (333) +0.02 +0.4; (338) −0.02 −0.4. **VII.** (395) +0.12 −1.9; (410) −0.12 +1.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1304	10	20 45 17.20	+ 3.393	- 17 47 59.3	+ 13.241	(395.)
1305	8	20 45 32.64	3.427	19 33 33.0	13.259	(409.) Ll.
1306	7	20 46 13.86	3.422	19 21 32.9	13.304	(409.) Ll.
1307	8. 9	20 46 34.08	3.354	15 50 55.7	13.325	I. Ll.
1308	10	20 47 4.10	3.438	20 13 9.2	13.358	(408.)
1309	9	20 47 8.94	3.341	15 10 57.5	13.363	II. R.
1310	8	20 47 12.74	3.416	19 8 56.8	13.368	(409.) Ll.
1311	7	29 47 19.88	3.388	17 40 48.4	13.375	(410.) Ll.
1312	9	20 47 32.62	3.431	19 36 9.9	13.389	(409.)
1313	8	20 47 42.07	3.390	17 48 47.9	13.399	(410.) Ll.
1314	10	20 48 54.43	3.345	15 30 58.3	13.478	(338.)
1315	10	20 49 2.35	3.373	17 1 10.3	13.486	(410.)
1316	9. 10	20 49 21.16	3.443	20 38 39.5	13.506	(408.)
1317	9. 10	20 49 38.52	3.372	17 0 38.2	13.525	(410.) R.
1318	9	20 49 42.08	3.348	15 43 10.1	13.529	III.
1319	7. 8	20 50 23.19	3.335	15 3 30.9	13.573	IV. Ll. B.
1320	8. 9	20 50 30.65	3.418	19 29 22.0	13.582	(409.) Ll.
1321	8. 9	20 50 33.07	3.357	16 17 34.0	13.584	(410.)
1322	8. 9	20 50 34.55	3.356	16 12 21.6	13.586	(410.)
1323	7	20 51 4.03	3.420	19 36 44.0	13.617	(409.) Ll. R.
1324	10	20 51 27.95	3.438	20 33 33.7	13.642	(408.)
1325	9	20 51 32.84	3.384	17 52 10.7	13.648	(410.)
1326	9. 10	20 52 20.28	3.435	20 29 56.2	13.698	(408.) Ll.
1327	8. 9	20 52 23.22	3.358	16 24 55.4	13.701	(410.)
1328	7	20 52 24.57	3.390	18 6 45.1	13.703	(409.) Ll. R.
1329	7	20 53 11.88	3.368	17 1 13.7	13.754	(410.) Ll.
1330	10	20 53 17.90	3.443	20 57 11.7	13.760	(408.)
1331	9	20 53 19.11	3.337	15 17 45.1	13.761	V. B.

I. 338) +0.04 [-20.1]; (410) -0.04 0.0. **II.** (333) +0.11 +1.7; (338) -0.10 -1.8. **III.** (333) -0.34 +1.1; (338) +0.26 -1.4; (377) +0.08 +0.2. **IV.** (333) -0.10 +0.1; (338) 0.00 -2.3; (377) +0.11 +2.2. **V.** (333) +0.10 +0.7; (338) -0.09 -0.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1332	10	20 53 24.60	+ 3.401	- 18 44 24.9	+ 13.767	(409.)
1333	10	20 53 42.69	3.441	20 55 14.5	13.787	(408.)
1334	7. 8	20 54 13.37	3.349	16 3 29.5	13.818	(410.) Ll.
1335	10	20 54 46.97	3.428	20 18 41.7	13.854	(408.)
1336	8	20 54 53.08	3.385	18 3 26.4	13.860	(409.) Ll.
1337	10	20 54 53.96	3.337	15 25 14.0	13.861	I. Ll.
1338	9. 10	20 55 17.86	3.426	20 12 28.1	13.887	(408.) Ll.
1339	9. 10	20 55 23.29	3.379	17 46 0.6	13.892	(410.)
1340	10	20 55 26.77	3.383	17 57 51.9	13.896	(409.) R.
1341	6	20 55 51.54	3.429	20 26 42.4	13.923	(408.) Ll. R.
1342	7	20 56 25.68	3.378	17 45 21.4	13.958	(410.) Ll.
1343	8. 9	20 56 38.61	3.330	15 8 10.9	13.971	II. B. R.
1344	10	20 56 40.01	3.433	20 42 20.9	13.973	(408.)
1345	9	20 56 19.35	3.336	15 29 56.5	14.013	III. Ll. B.
1346	3	20 57 30.27	3.377	17 49 30.3	14.025	IV. Ll. R.
1347	7. 8	20 58 52.28	3.361	17 1 13.0	14.111	(410.)
1348	7	20 59 18.47	3.380	18 3 13.8	14.137	(409.)
1349	8	20 59 49.23	3.366	17 19 34.2	14.169	(410.)
1350	9. 10	21 0 20.90	3.402	19 19 44.8	14.203	(409.)
1351	10	21 0 27.12	3.400	19 13 30.3	14.209	(409.)
1352	6. 7	21 1 1.68	3.362	17 13 13.6	14.245	(410.) R.
1353	8. 9	21 2 4.57	3.392	18 56 14,4	14.309	(409.)
1354	10	21 2 51.08	3.340	16 6 10.4	14.356	(410.)
1355	9	21 3 1.29	3.348	16 38 3.7	14.366	(410.) R.
1356	8	21 3 23.88	3.322	15 4 54.7	14.389	(333.) Ll. B. R.
1357	9	21 3 30.02	3.427	20 56 31.3	14.395	(408.)
1358	10	21 3 36.37	3.387	18 48 56.9	14.401	(409.) R.
1359	9	21 3 36.95	3.330	15 35 5.4	14.402	(333.) R.

I. (338) +0.18 [-14.9]; (377) -0.17 0.0. **II.** (333) -0.01 0.4; (338) +0.02 -1.8; (377) -0.01 +2.2. **III.** (333) +0.13 -0.2; (338) +0.09 +1.4; (377) -0.22 -1.2. **IV.** (409) +0.02 +0.3; (410) -0.01 -0.3.

-15° 21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1360	8	21 3 48.60	+ 3.322	- 15 10 8.7	+ 14.414	(333.) Ll.
1361	9	21 4 3.29	3.330	15 36 32.4	14.429	(333.) R.
1362	9	21 4 20.76	3.344	16 27 39.8	14.447	(410.) R.
1363	8. 9	21 5 22.27	3.374	18 10 43.6	14.509	(409.) R.
1364	9	21 5 25.77	3 420	20 42 12.2	14.513	(408.) Ll.
1365	9	21 5 33.62	3.374	18 13 33.8	14.521	(409.)
1366	9	21 5 26.46	3.321	15 15 42.1	14.514	I. Ll. R.
1367	9	21 6 21.94	3.366	17 50 11.5	14.569	(410.) R.
1368	9	21 6 25.51	3.418	20 41 19.4	14.573	(408.) Ll.
1369	9. 10	21 6 33.72	4.372	18 11 30.6	14.581	(409.)
1370	9	21 7 13.31	3.316	15 1 10.0	14.620	II. Ll. B.
1371	6	21 7 25.27	3.329	15 47 27.0	14.632	(338.) R.
1372	9	21 8 9.06	3.417	20 47 36.7	14.676	(408.)
1373	8. 9	21 8 18.69	3.322	15 26 39.8	14.686	III. B.
1374	9. 10	21 8 30.85	3.326	15 43 12.7	14.698	(338.) B. R.
1375	10	21 8 34.26	3.363	17 52 21.3	14.701	(410.)
1376	10	21 8 35.92	3.315	15 5 57.5	14.703	(333.) B.
1377	10	21 9 3.59	3.378	18 42 6.6	14.731	(409.)
1378	8. 9	21 9 18.55	3.379	18 47 51.1	14.746	(409.) R.
1379	5. 6	21 9 31.75	3.373	18 26 36.1	14.758	(409.) Ll. R.
1380	8. 9	21 9 31.98	3.339	16 30 53.3	14.758	(410.) Ll. R.
1381	7. 8	21 9 55.32	3.416	20 57 37.6	14.781	(408.) Ll.
1382	5. 6	21 10 54.44	3.342	16 48 23.5	14.839	(410.) Ll. R.
1383	9. 10	21 11 46.38	3.404	20 27 8.3	14 890	(408.)
1384	9. 10	21 11 56.95	3.354	17 38 27.9	14.901	(410.) R.
1385	9. 10	21 12 6.43	3·388	19 33 55.4	14.910	(409.) R.
1386	10	21 12 51.16	3.385	19 27 33.7	14.953	(409.)
1387	10	21 12 53.68	3.403	20 29 18.4	14.956	(408.)
1388	10	21 12 54.72	3.397	20 9 41.4	14.957	(408.)

I. (333) +0.22 +0.6; (338) +0.21 -0.6. II. (333) +0.12 -0.7; (338) +0.23 -0.9; (377) +0.11 +1.6. III. (333) -0.06 -1.3; (377) +0.06 +1.3.

-15° -21°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1389	8	21 13 12.36	+ 3.322	− 15 47 18.8	+ 14.974	(410.) Ll. B. R.
1390	8. 9	21 13 28.94	3.336	16 36 42.2	14.990	(410.) R.
1391	9	21 14 0.59	3.317	15 33 17.9	15.021	I. Ll. R.
1392	10	21 14 22.79	3.344	17 10 30.6	15.042	(410.)
1393	10	21 14 52.96	3.397	20 19 3.1	15.071	(408.) Ll.
1394	10	21 14 55.25	3.314	15 27 40.0	15.073	II. R.
1395	9. 10	21 15 0.59	3.373	18 55 31.9	15.079	(409.)
1396	10	21 15 33.47	3.340	17 4 41.0	15.109	(410.) R.
1397	10	21 15 44.55	3.394	20 15 59.6	15.121	(408.)
1398	10	21 16 20.66	3.383	19 35 43.9	15.155	(409.)
1399	10	21 16 38.40	3.331	16 37 22.9	15.171	(410.)
1400	10	21 16 54.31	3.304	15 0 17.6	15.186	(338.)
1401	8	21 17 17.77	3.375	19 13 48.1	15.209	(409.) Ll R.
1402	8	21 18 10.85	3.318	15 53 27.8	15.259	III. Ll. R.
1403	9	21 19 0.86	3.399	20 51 22.7	15.307	IV. Ll.
1404	9. 10	21 19 1.77	3.401	20 54 40.2	15.308	(408.) Ll.
1405	9. 10	21 19 44.03	3.332	16 53 33.8	15.348	(410.)
1406	10	21 20 0.54	3.349	17 54 26.4	15.364	(409.) Ll.
1407	10	21 20 36.68	3.385	20 11 30.5	15.398	V.
1408	10	21 20 40.06	3.329	16 44 18.9	15.400	(410.)
1409	9. 10	21 21 5.89	3.388	20 25 0.6	15.424	(416.)
1410	10	21 21 26.55	3.365	19 0 14.5	15.444	(409.)
1411	7. 8	21 21 33.94	3.377	19 47 56.2	15.450	VI. Ll.
1412	9	21 21 41.88	3.311	15 48 33.6	15.458	VII.
1413	8. 9	21 21 59.06	3.330	16 58 11.7	15.473	(410.) Ll.
1414	10	21 22 16.37	3.299	15 4 52.4	15.489	(338.) Ll. R.
1415	10	21 22 55.22	3.378	19 59 6.1	15.525	(408.)

I. (333) +0.08 +1.9; (338) -0.22 [-21.2]; (377) +0.14 -1.9. II. (338) 0.00 -0.7; (357) [-1.02] +0.6. III. (377) -0.04 +1.7; (410) +0.04 -1.7. IV. (408) -0.03 -2.2; (416) +0.04 +2.2. V. (408) -0.05 -1.2; (416) +0.05 +1.2. VI. (408) +0.14 +2.0; (409) -0.13 -2.1. VII. (338) +0.15 +0.8; (410) -0.15 -0.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1416	8	21 22 59.65	+ 3.377	- 19 53 34.4	+ 15.530	I. Ll.
1417	8	21 24 7.90	3.317	16 22 13.0	15.591	(410.)
1418	10	21 24 36.52	3.391	20 56 49.7	15.618	(408.)
1419	10	21 24 47.21	3.310	15 58 44.2	15.627	(410.)
1420	9	21 25 47.21	3.340	17 55 16.7	15.682	(409.)
1421	9. 10	21 26 5.48	3.371	19 51 32.5	15.699	II.
1422	8	21 26 28.18	3.388	20 54 46.9	15.720	(416.)
1423	8. 9	21 26 54.90	3.370	19 54 32.8	15.744	III.
1424	10	21 27 1.97	3.310	16 8 56.7	15.751	(410.)
1425	9	21 27 37.04	3.312	16 21 45.6	15.782	(410.) R.
1426	8	21 28 0.42	3.355	19 3 34.9	15.803	(409.)
1427	6	21 28 40.47	3.370	20 8 1.7	15.840	IV. Ll. R.
1428	8. 9	21 28 41.86	3.306	16 3 59.3	15.841	(410.)
1429	7. 8	21 28 58.53	3.354	19 6 24.0	15.855	(409.)
1430	9	21 29 14.00	3.367	19 54 2.9	15.869	(408.) Ll.
1431	9	21 29 31.86	3.319	16 55 21.8	15.886	(410.) Ll. R.
1432	8	21 29 36.99	3.333	17 52 46.0	15.890	(409.) R.
1433	7. 8	21 30 0.15	3.298	15 34 57.1	15.911	(377.) Ll. B. R.
1434	9. 10	21 30 18.12	3.308	16 16 13.8	15.926	(410.)
1435	8. 9	21 30 18.92	3.356	19 21 13.1	15.927	(409.) R.
1436	9	21 30 25.56	3.371	20 17 49.9	15.933	V. Ll. R.
1437	10	21 31 4.41	3.351	19 6 23.8	15.967	(409.)
1438	10	21 31 8.07	3.350	19 5 30.8	15.970	(409.)
1439	10	21 31 8.02	3.363	19 53 28.2	15.970	(416.)
1440	9. 10	21 31 33.28	3.378	20 53 50.6	15.992	(408.)
1441	3. 4	21 31 46.40	3.322	17 20 12.3	16.004	(410.) Ll. R.
1442	9. 10	21 32 23.85	3.287	15 3 29.3	16.037	(377.) B.
1443	9	21 32 52.33	3.331	18 3 38.5	16.062	(409.)

I. (408) +0.02 -3.2; (409) -0.08 —; (416) +0.05 +3.2. II. (408) -0.10 +2.5; (409) +0.09 -2.6. III. (408) +0.13 0.0; (409) -0.12 —. IV. (408) +0.02 -1.7. (416) -0.01 +1.7. V. (408) +0.01 -2.3; (416) 0.00 +2.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1444	9	21 33 15.36	+ 3.292	- 15 31 15.8	- 16.082	(338.) Ll. B. R.
1445	9	21 33 21.87	3.369	20 29 5.1	16.088	I. Ll.
1446	7	21 33 37.86	3.328	17 54 13.7	16.101	(409.)
1447	8	21 34 18.57	3.305	16 26 30.2	16.137	(410.)
1448	8	21 34 49.42	3.363	20 18 6.9	16.164	II. Ll. R.
1449	7	21 34 52.92	3.284	15 4 58.9	16.166	III. Ll. R.
1450	10	21 35 12.25	3.294	15 50 2.4	16.184	(410.)
1451	8	21 35 14.18	3.328	18 4 12.2	16.185	(409.)
1452	9. 10	21 35 31.94	3.344	19 16 19.1	16.201	(409.)
1453	9. 10	21 35 38.57	3.360	20 11 29.7	16.206	IV. Ll.
1454	8	21 35 49.14	3.288	15 26 4.1	16.215	(338.) Ll. B. R.
1455	8	21 36 3.85	3.306	16 39 16.8	16.228	(410.) R.
1456	10	21 36 9.44	3.360	20 12 44.0	16.232	(408.)
1457	10	21 36 51.19	3.299	16 17 4.2	16.268	(410.)
1458	10	21 37 1.38	3.343	19 15 43.9	16.277	(409.)
1459	8. 10	21 37 31.93	3.334	18 40 6.9	16.303	(409.) R.
1460	8	21 38 9.08	3.332	18 36 28.6	16.334	(409.) Ll. R.
1461	3. 4	21 38 45.26	3.304	16 48 20.2	16.365	(410.) Ll. R.
1462	8. 9	21 38 59.02	3.260	15 12 13.8	16.376	V. B.
1463	9	21 39 18.80	3.355	20 16 4.2	16.385	VI. R.
1464	7. 8	21 39 19.05	3.321	17 59 13.4	16.385	(409.) Ll.
1465	9. 10	21 39 57.86	3.336	19 3 36.5	16.426	(409.)
1466	10	21 40 19.27	3.351	20 6 12.2	16.443	VII.
1467	10	21 40 39.66	3.361	20 50 33.3	16.461	(408.)
1468	8	21 41 0.45	3.334	19 4 53.6	16.478	(409.) Ll. R.
1469	8	21 41 0.63	3.286	15 48 56.2	16.479	(377.) B.
1470	9	21 42 33.82	3.358	20 53 12.3	16.555	(408.) Ll. R.

I. (408) +0.06 -3.8; (416) -0.06 +3.7. II. (408) +0.02 -2.8; (416) -0.01 +2.8. III. (338) +0.18 +1.1; (377) -0.18 -1.2. IV. (408) -0.02 -3.3; (416) +0.03 +3.3. V. (338) +0.16 -1.3; (377) -0.15 +1.2. VI. (408) +0.12 -3.8; (416) -0.12 +3.8. VII. (408) -0.15 -2.8; (416) +0.16 +2.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1471	6. 7	21 43 21.37	+ 3.334	-19 19 10.4	+ 16.594	(409.) Ll. R.
1472	10	21 43 47.90	3.340	19 50 3.0	16.615	(408.)
1473	9	21 44 20.02	3.345	20 13 20.6	16.642	(416.) Ll. R.
1474	9. 10	21 44 26.65	3.310	17 46 9.7	16.648	(410.) R.
1475	9	21 44 42.03	3.339	19 51 8.9	16.660	I.
1476	9	21 45 24.69	3.351	20 42 57.7	16.695	II. Ll.
1477	9	21 45 56.21	3.314	18 16 58.7	16.720	(409.)
1478	9. 10	21 47 5.32	3.322	18 56 51.2	16.775	(409.)
1479	6	21 48 29.70	3.315	18 31 26.6	16.842	(409.)
1480	9	21 49 37.13	3.274	15 50 5.7	16.896	(410.) Ll. B. R.
1481	9. 10	21 51 2.16	3.264	15 13 22.7	16.962	(338.) B.
1482	9. 10	21 51 8.94	3.272	15 47 52.6	16.967	(377.) Ll. R.
1483	8	21 53 19.22	3.259	15 2 37.0	17.068	(377.) Ll. B.
1484	10	21 54 11.12	3.258	15 3 41.9	17.108	(338.) B.
1485	9	21 55 14.62	3.265	15 40 21.7	17.156	(338.) Ll. B.
1486	8. 9	21 56 20.64	3.257	15 10 16.8	17.206	III. Ll. B.
1487	7. 8	21 58 3.12	3.260	15 37 24.2	17.282	(377.) B.
1488	9	21 59 27.78	3.253	15 13 10.2	17.345	(338.) Ll.
1489	10	22 0 34.06	3.253	15 22 31.2	17.392	(338.) Ll.
1490	10	22 1 41.38	3.258	15 51 20.8	17.441	(345.) Ll.
1491	9	22 2 5.47	3.256	15 44 5.6	17.459	(345.) Ll.
1492	9	22 4 20.94	3.290	18 45 59.5	17.555	(409.) Ll. R.
1493	10	22 5 29.54	3.294	19 11 47.5	17.603	(409.)
1494	10	22 5 45.14	3.249	15 40 46.7	17.613	(345.)
1495	8. 9	22 6 6.14	3.302	19 59 14.9	17.628	(416.) Ll.
1496	10	22 6 23.22	3.283	18 29 18.0	17.640	(409.)
1497	8. 9	22 6 30.91	3.251	15 50 26.6	17.646	IV. Ll. B.
1498	10	22 6 49.89	3.306	20 28 10.7	17.659	(416.) Ll. R.

I. (408) +0.14 +2.9; (409) -0.14 -2.9. **II.** (408) -0.03 -2.3; (416) +0.04 +2.3. **III.** (338) +0.16 +0.1; (377) -0.15 -0.2. **IV.** (338) -0.19 [-15.4]; (345) +0.16 [-9.0]; (377) +0.04 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1499	10	22 7 31.02	+ 3.287	- 18 52 59.8	+ 17.687	(409.)
1500	9	22 7 55.65	3.240	15 10 48.2	17.704	I. R.
1501	10	22 8 3.17	3.239	15 5 19.3	17.709	(345.)
1502	9	22 8 7.31	3.304	20 24 10.3	17.712	(416.) Ll. R.
1503	8. 9	22 9 21.11	3.283	18 54 39.7	17.762	(409.)
1504	10	22 9 54.65	3.279	18 43 47.8	17.785	(409.) R.
1505	9	22 10 1.23	3.239	15 14 41.8	17.790	II.
1506	9. 10	22 10 25.00	3.244	15 45 43.1	17.805	(345.) Ll.
1507	9. 10	22 10 30.44	3.240	15 23 17.5	17.810	(345.) R.
1508	9	22 11 47.73	3.270	18 12 55.1	17.861	(409.) R.
1509	9. 10	22 12 25.61	3.236	15 18 17.6	17.886	III. Ll. R.
1510	9. 10	22 12 56.14	3.240	15 40 13.5	17.905	(345.)
1511	9. 10	22 13 12.24	3.240	15 43 32.5	17.915	(345.)
1512	8	22 13 12.62	3.280	19 15 35.2	17.916	(409.)
1513	9	22 13 29.50	3.234	15 12 36.7	17.927	IV. Ll. R.
1514	8. 9	22 13 48.10	3.290	20 11 8.4	17.939	(416.) Ll.
1515	9	22 14 27.06	3.288	20 6 14.8	17.964	(416.) Ll.
1516	10	22 15 49.58	3.261	18 0 48.7	18.018	(409.)
1517	9. 10	22 16 44.96	3.257	17 50 17.8	18.053	(409.)
1518	10	22 17 8.76	3.279	20 47 17.7	18.068	(416.)
1519	8	22 17 35.51	3.291	20 59 43.7	18.086	(416.) Ll.
1520	9	22 17 55.59	3.270	19 6 56.0	18.099	(409.)
1521	10	22 17 56.18	3.232	15 42 32.9	18.099	(338.)
1522	8. 9	22 18 8.59	3.266	18 46 4.3	18.106	(409.) Ll.
1523	9. 10	22 19 1.67	3.280	20 12 17.0	18.140	(416.) Ll. R.
1524	10	22 19 27.11	3.260	18 26 5.5	18.155	(409.)
1525	8	22 19 42.42	3.255	18 2 2.5	18.164	(409.) Ll.
1526	10	22 20 11.35	3.228	15 36 50.2	18.183	(345.)

I. (338) +0.02 -0.5; (345) -0.18 +1.8; (377) +0.16 -1.3. **II.** (345) -0.08 -1.5; (377) +0.08 +1.5. **III.** (345) +0.12 +0.6; (377) -0.11 -0.7. **IV.** (338) 0.00 -2.1; (345) +0.01 +2.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1527	10	22 20 40.76	+ 3.269	− 19 29 13.6	+ 18.201	(409.)
1528	10	22 20 55.86	3.265	10 10 30.0	18.210	(409.)
1529	?	22 21 14.71	3.224	15 19 58.4	18.221	(345.) R.
1530	9	22 22 55.20	3.221	15 19 58.3	18.281	(345.) Ll.
1531	10	22 23 0.58	3.262	19 16 50.4	18.285	(409.)
1532	10	22 24 1.68	3.251	18 24 56.0	18.321	(409.)
1533	8	22 25 15.81	3.253	18 42 32.5	18.365	(409.) Ll.
1534	9	22 25 59.30	3.266	− 20 7 59.0	18.390	(416.)
1535	9	22 26 24.51	3.250	18 16 45.2	18.404	(409.)
1536	9	22 26 32.72	3.269	20 37 50.0	18.409	(416.)
1537	7	22 27 34.88	3.244	18 23 44.7	18.445	(409.) Ll.
1538	5. 6	22 27 43.73	3.243	18 13 59.9	18.450	(409.) Ll.
1539	10	22 29 14.32	3.216	15 44 56.9	18.502	(345.)
1540	10	22 30 38.59	3.251	19 39 37.7	18.549	(409.)
1541	9	22 31 2.23	3.240	18 34 36.3	18.562	(409.) Ll.
1542	9	22 31 54.95	3.208	15 19 26.9	18.591	I. Ll.
1543	10	22 31 58.64	3.239	18 35 12.3	18.593	(409.)
1544	9	22 32 21.51	3.207	15 23 0.3	18.606	(338.) Ll.
1545	9. 10	22 33 45.61	3.243	19 21 41.8	18.652	(409.)
1546	9. 10	22 33 57.14	3.241	19 13 6.2	18.658	(409.)
1547	9	22 35 53.20	3.236	19 3 59.3	18.720	(409.)
1548	9	22 36 18.27	3.202	15 23 45.9	18.733	(338.)
1549	9	22 36 22.17	3.202	15 27 37.9	18.734	(338.)
1550	10	22 36 27.12	3.242	19 52 32.2	18.737	(409.)
1551	8	22 38 27.10	3.231	19 4 29.2	18.799	(409.) Ll.
1552	7	22 39 21.52	3.223	18 20 25.5	18.826	(409.) Ll.
1553	10	22 39 25.55	3.224	18 22 4.6	18.829	(409.)
1554	8. 9	22 40 33.27	3.218	18 2 43.0	18.861	(409.) Ll.
1555	9. 10	22 41 59.04	3.223	18 49 39.8	18.903	(409.)
1556	9. 10	22 42 50.95	3.219	18 36 52.4	18.928	(409.)

I. (338) +0.45 +4.7; (345) −0.45 −4.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1557	7	22 44 33.78	+ 3.226	- 19 49 55.5	+ 18.978	(409.) Ll.
1558	10	22 45 17.05	3.215	18 39 33.7	18.998	(409.)
1559	10	22 45 50.99	3.209	18 4 27.8	19.013	(409.)
1560	9	22 46 27.03	3.190	15 48 25.4	19.030	(338.)
1561	10	22 47 12.33	3.189	15 47 12.2	19.052	(338.)
1562	8. 9	22 48 33.55	3.187	15 47 17.1	19.088	(338.)
1563	8. 9	22 48 55.73	3.196	17 4 16.6	19.097	(417.)
1564	10	22 49 42.03	3.200	17 54 17.7	19.118	(409.)
1565	10	22 49 58.62	3.179	15 5 23.7	19.126	(338.)
1566	9	22 51 38.82	3.176	15 2 7.5	19.169	(338.)
1567	10	22 51 51.34	3.176	15 3 49.4	19.174	(338.) B.
1568	9	22 52 50.76	3.174	15 3 38.4	19.199	(338.) Ll. B.
1569	8	22 52 54.02	3.193	17 41 3.7	19.201	(417.)
1570	8. 9	22 53 29.76	3.174	15 4 20.3	19.215	(338.) Ll. B.
1571	9	22 53 35.33	3.191	17 40 32.7	19.217	(417.)
1572	9	22 54 14.12	3.177	15 46 43.4	19.234	(338.) Ll.
1573	9	22 54 49.44	3.171	15 3 26.2	19.249	(338.) Ll.
1574	8. 9	22 55 6.98	3.177	15 55 30.1	19.256	(410.)
1575	9	22 56 2..82	3.181	16 49 2.2	19.286	(417.)
1576	7	22 57 24.99	3.166	17 42 21.4	19.311	(417.) Ll.
1577	9. 10	22 57 37.90	3.173	15 52 11.2	19.316	(338.)
1578	7	22 57 57.71	3.175	16 15 47.6	19.324	(417.)
1579	8	22 58 2.93	3.168	15 15 5.2	19.326	(338.) Ll.
1580	8	23 0 13.85	3.177	17 9 6.6	19.377	(417.)
1581	9	23 0 44.44	3.167	15 51 8.0	19.388	I. Ll.
1582	8	23 1 55.86	3.162	15 19 17.4	19.414	II. Ll.
1583	8. 9	23 2 0.02	3.166	15 51 28.7	19.416	(417.)
1584	7. 8	23 3 21.52	3.164	15 59 55.5	19.446	(417.)
1585	8. 9	23 4 21.83	3.167	16 40 26.7	19.467	(417.)

I. (338) +0.22 +1.0; (345) -0.25 -1.1; (417) +0.02 [-9.7]. **II.** (338) +0.12 +1.5. (345) -0.11 -1.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1586	9	23 4 55.08	+ 3.160	− 15 49 19.5	+ 19.478	(417.)
1587	7. 8	23 6 23.11	3.171	17 43 29.7	19.509	(417.) Ll.
1588	7. 8	23 6 59.42	3.164	17 3 16.2	19.521	(417.) Ll.
1589	9. 10	23 7 37.41	3.155	15 21 21.5	19.534	(345.) Ll.
1590	10	23 8 40.29	3.151	15 18 23.3	19.554	(345.)
1591	9. 10	23 8 46.13	3.157	16 22 49.7	19.556	(417.) Ll.
1592	10	23 8 55.38	3.151	15 18 25.3	19.560	(345.)
1593	6	23 9 35.34	3.158	16 59 26.2	19.572	(417.) Ll. R.
1594	9	23 10 25.90	3.152	15 53 17.0	19.588	(417.)
1595	9. 10	23 11 18.21	3.147	15 4 6.3	19.605	(345.)
1596	6	23 11 48.26	3.153	16 36 11.3	19.613	(417.)
1597	9. 10	23 12 28.25	3.146	15 12 54.5	19.625	I.
1598	9	23 13 13.84	3.148	16 1 47.7	19.639	(417.)
1599	7	23 14 47.66	3.145	15 51 47.9	19.666	(338.) Ll. R.
1600	9. 10	23 14 47.76	3.139	14 42 37.8	19.666	(345.)
1601	10	23 15 47.78	3.140	15 17 46.6	19.683	(345.)
1602	9. 10	23 15 49.82	3.140	15 18 39.9	19.686	II.
1603	8. 9	23 16 46.91	3.143	16 7 1.4	19.700	(417.)
1604	10	23 18 3.67	3.137	15 10 49.3	19.721	(345.)
1605	9	23 18 16.55	3.140	16 2 57.5	19.725	(417.)
1606	9. 10	23 18 27.33	3.137	15 31 47.9	19.727	(345.)
1607	7	23 19 6.82	3.139	16 4 28.3	19.738	(417.) Ll.
1608	10	23 19 24.13	3.136	15 39 8.0	19.742	(345.)
1609	7	23 20 6.65	3.138	16 7 33.2	19.751	(417.) Ll.
1610	9. 10	23 21 7.24	3.132	15 8 9.0	19.766	(345.)
1611	9	23 23 56.57	3.129	15 37 58.6	19.807	(345.) Ll. R.
1612	9	23 24 6.92	3.129	15 45 46.8	19.809	(345.) Ll. R.
1613	10	23 26 12.79	3.123	15 3 25.5	19.837	(345.) R.
1614	7	23 32 0.17	3.114	15 3 2.1	19.905	(345.) Ll. B. R.

I. (328) +0.01 +2.3; (345) −0.01 −2.4. II. (338) +0.22 −1.3; (345) −0.22 +1.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
1615	6	h ′ ″ 23 34 56.31	+ ″ 3.110	° ′ ″ - 15 22 23.4	+ ″ 19.935	(345.)
1616	10	23 35 9.64	3.110	15 24 34.5	19.938	(345.)
1617	9	23 38 7.37	3 106	15 35 15.2	19.963	(345.)
1618	9. 10	23 42 12.49	3.099	15 10 7.8	19.993	(345.)
1619	8	23 42 48.87	3.098	15 14 2.9	19.998	(345.)
1620	7. 8	23 44 47.55	3.094	15 5 5.5	20.011	(345.) Ll.
1621	9	23 57 45.54	3.074	15 15 20.4	20.054	(345.) Ll.

IV. Stern-Verzeichniss

Declination von -21° 0′ bis -27° 0′.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850.	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1	7. 8	17 43 47.47	+ 3.682	- 24 38 9.2	- 1.419	(403.)
2	8. 9	17 46 57.80	3.711	25 38 31.8	1.138	(403.)
3	9	17 47 48.76	3.672	24 23 52.5	1.065	(403.)
4	9	17 49 5.30	3.694	25 7 11.8	0.940	(403.)
5	8	17 49 58.34	3.716	25 47 58.7	0.877	(403.) Ll.
6	9	17 50 45.29	3.695	25 4 13.0	0.809	(403.)
7	9. 10	17 51 29.43	3.684	24 39 49.2	0.745	(403.)
8	9	17 51 37.46	3.688	24 46 29.3	0.733	(403.)
9	9	17 53 5.78	3.690	24 51 41.8	0.589	(403.)
10	8. 9	17 53 27.23	3.672	24 14 55.2	0.558	(403.) Ll.
11	7. 8	17 53 39.63	3.673	24 16 35.5	0.553	(403.) Ll.
12	8	17 54 40.64	3.675	24 21 31.1	0.465	(403.) Ll.
13	9	17 55 14.04	3.685	24 43 6.1	0.416	(403.)
14	8. 9	17 55 58.62	3.677	24 24 6.1	0.351	(403.) Ll.
15	8. 9	17 56 53.65	3.671	24 12 4.2	0.271	(403.) Ll.
16	10	17 57 19.01	3.670	24 9 59.8	0.234	(403.)
17	9. 10	17 58 6.61	3.673	24 16 23.7	0.165	(403.)
18	9. 10	17 58 50.95	3.704	25 21 44.3	0.101	(403.) Ll.
19	7. 8	17 59 37.55	3.708	25 29 17.3	0.031	(403.)
20	7	17 59 42.34	3.616	22 11 16.5	- 0.026	(400.)
21	10	18 0 19.50	3.684	24 40 55.9	+ 0.015	(403.)
22	8	18 0 45.99	3.613	22 4 31.4	0.067	(400.)
23	7	18 1 41.07	3.618	22 15 45.3	0.147	(400.)
24	4. 5	18 2 34.15	3.658	23 43 35.0	0.224	(400.) Ll.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
25	8. 9	18 2 44.56	+ 3.735	- 26 25 22.7	+ 0.239	(404.)
26	10	18 3 35.91	3.680	24 30 56.9	0.315	(402.)
27	5. 6	18 3 55.84	3.642	23 8 52.7	0.344	(400.) Ll.
28	8. 9	18 5 10.66	3.657	23 42 18.4	0.452	(400.)
29	8	18 5 41.85	3.640	23 5 16.9	0.498	(400.)
30	8	18 5 50.66	3.732	26 21 1.3	0.509	(404.)
31	8	18 6 19.25	3.733	26 22 0.5	0.552	(404.)
32	8	18 6 23.73	3.642	23 9 25.2	0.559	(400.)
33	8	18 7 24.75	3.664	23 56 36.9	0.649	I. Ll.
34	8	18 7 30.76	3.644	23 15 42.8	0.657	II.
35	7	18 8 40.60	3.646	23 19 31.0	0.759	III. Ll.
36	8	18 8 46.16	3.697	25 7 47.2	0.767	(401.)
37	8	18 9 25.18	3.712	25 39 15.1	0.823	(402.)
38	8	18 9 45.48	3.641	23 7 7.8	0.853	IV.
39	8. 9	18 9 53.00	3.597	21 30 51.0	0.864	(398.)
40	9	18 9 55.69	3.638	23 0 14.6	0.869	(400.)
41	9. 10	18 9 59.40	3.592	21 31 21.0	0.873	(398.)
42	8	18 10 5.22	3.732	26 22 40.9	0.882	(404.)
43	8. 9	18 10 40.03	3.643	23 13 9.9	0.933	(399.)
44	9. 10	18 10 47.81	3.683	24 39 17.7	0.945	(401.)
45	9	18 10 49.85	3.604	21 47 22.8	0.947	(398.)
46	8. 9	18 11 7.33	3.644	23 14 20.9	0.972	(400.)
47	8. 9	18 11 22.29	3.616	22 12 54.7	0.994	(400.)
48	8. 9	18 11 26.76	3.708	25 31 48.1	1.001	V.
49	7	18 11 53.47	3.726	26 8 45.9	1.059	(404.)
50	9	18 12 6.73	3.641	23 8 18.0	1.069	(399.)
51	8	18 12 14.33	3.707	25 29 17.0	1.069	VI.
52	8	18 12 50.61	3.705	25 25 49.2	1.122	(401.)

I. (401) -0.18 +0.1; (402) +0.19 -0.2. II. (399) -0.01 -0.9; (400) +0.02 +0.9.
III. (399) +0.08 0.0; (400) -0.07 -0.1. IV. (399) -0.04 +0.6; (400) +0.05 -0.6.
V. (401) -0.15 -0.4; (402) +0.16 +0.4. VI. (401) -0.31 +1.1; (402) +0.32 -1.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
53	7	18 12 55.03	+ 3.612	-22 5 3.5	+ 1.128	(400.) Ll.
54	8	18 13 0.67	3.735	26 28 53.1	1.136	(404.)
55	7. 8	18 13 1.23	3.619	22 21 40.5	1.137	(400.) Ll.
56	9. 10	18 13 59.70	3.628	22 40 38.3	1.223	(399.)
57	8. 9	18 14 0.77	3.667	24 5 15.0	1.224	(401.)
58	9	18 14 28.99	3.734	26 26 19.9	1.266	(404.)
59	8	18 14 45.85	3.609	21 59 20.5	1.291	(400.)
60	8	18 14 49.51	3.736	26 31 4.7	1.296	(404.)
61	8. 9	18 15 6.55	3.607	21 53 26.7	1.321	(400.)
62	8. 9	18 15 18.91	3.737	26 33 56.3	1.339	(404.)
63	9	18 15 19.21	3.677	24 27 24.2	1.339	I.
64	8	18 15 53.06	3.677	24 29 19.3	1.388	(401.)
65	8	18 16 2.75	3.638	23 3 18.8	1.403	(399.) Ll.
66	9. 10	18 16 27.19	3.673	24 29 27.3	1.439	(401.)
67	7	18 16 37.62	3.641	23 9 29.6	1.456	(400.) Ll.
68	9. 10	18 17 21.47	3.692	24 59 46.3	1.516	(404.)
69	6	18 17 42.98	3.706	25 29 53.2	1.549	II.
70	8. 9	18 17 50.50	3.598	21 36 12.4	1.559	(398.)
71	7	18 18 22.79	3.741	26 42 58.5	1.606	(404.)
72	7	18 18 44.69	3.744	26 50 27.9	1.638	(404.)
73	10	18 18 47.51	3.745	26 51 10.0	1.643	(404.)
74	8. 9	18 18 59.66	3.600	21 40 33.6	1.661	(398.)
75	6	18 19 1.35	3.638	23 5 11.0	1.662	III. Ll.
76	7	18 19 36.76	3.739	26 40 12.8	1.714	(404.)
77	9	18 19 42.42	3.692	25 7 48.1	1.722	IV. Ll. {Dopplst. Mitte
78	8	18 19 52.17	3.594	21 27 22.0	1.736	(398.) Ll.
79	8	18 20 6.43	3.663	24 — —	1.757	(399.)
80	8	18 20 23.07	3.663	24 — —	1.781	(399.)

I. (401) -0.15 -0.9; (402) +0.15 +0.8. II. (401) -0.12 -1.1; (402) +0.12 +1.0.
III. (399) +0.02 -0.4; (400) -0.02 +0.3. IV. (401) -0.18 -1.4; (402) +0.18 +1.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
81	8	18 20 27.12	+ 3.601	-21 43 43.7	+ 1.787	(398.)
82	9	18 20 32.70	3.723	26 6 49.2	1.795	(404.)
83	7. 8	18 20 37.45	3.629	22 46 29.3	1.801	(400.)
84	9	18 21 3.60	3.710	25 38 33.2	1.841	(402.) Ll.
85	7	18 21 34.41	3.604	21 50 51.4	1.885	(400.) Ll.
86	8	18 21 48.85	3.691	24 59 15.0	1.907	I. Ll.
87	10	18 21 49.73	3.715	25 50 45.8	1.908	(404.)
88	8	18 22 0.39	3.598	21 37 21.7	1.923	(398.) Ll.
89	5	18 22 13.41	3.646	23 24 48.9	1.941	II. Ll.
90	8	18 22 30.04	3.590	21 20 53.8	1.966	(398.)
91	8	18 22 53.76	3.737	26 35 31.3	2.000	(404.)
92	9	18 22 55.20	3.386	24 49 42.5	2.002	(402.)
93	8	18 23 28.23	3.618	22 23 43.1	2.051	(400.) Ll.
94	7	18 24 4.49	3.668	24 12 47.6	2.102	III. Ll.
95	6	18 24 7.45	3.633	22 54 48.4	2.106	(399.)
96	8. 9	18 24 10.04	3.732	26 28 26.8	2.110	(404.)
97	8	18 24 11.58	3.652	23 37 38.9	2.113	(400.)
98	9	18 24 17.85	3.668	24 13 45.8	2.122	(402.)
99	6. 7	18 24 17.86	3.627	22 43 33.2	2.122	(399.)
100	10	18 24 25.42	3.668	24 12 46.4	2.132	(402.)
101	8. 9	18 24 37.87	3.745	26 54 7.8	2.151	(404.)
102	7	18 24 43.77	3.666	24 8 20.4	2.160	IV. Ll.
103	7. 8	18 25 22.50	3.671	24 19 52.9	2.215	V. Ll.
104	10	18 25 30.61	3.736	26 35 11.0	2.226	(404.)
105	6. 7	18 25 37.35	3.625	22 39 23.2	2.236	(399.) Ll.
106	8	18 26 23.38	3.621	22 30 46.1	2.303	(399.)
107	10	18 26 47.59	3.728	24 21 2.0	2.339	(404.)
108	9	18 26 56.38	3.677	26 33 5.3	2.352	VI.

I. (401) -0.16 +2.1; (402) +0.16 -2.1. **II.** (399) -0.07 -0.4; (400) +0.07 +0.3.
III. (401) -0.42 +0.1; (402) +0.43 -0.1. **IV.** (401) -0.11 -0.3; (402) +0.12 +0.3.
V. (401) -0.34 -0.5; (402) +0.34 +0.5. **VI.** (401) -0.14 +0.1; (402) +0.15 -0.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
109	9. 10	18 27 16.58	+ 3.689	- 24 58 43.0	+ 2.382	(402.)
110	8	18 27 29.57	3.729	26 24 18.5	2.401	(404.)
111	7. 8	18 27 38.80	3.658	23 52 48.0	2.414	(401.)
112	6	18 28 55.24	3.593	21 30 59.9	2.524	(398.) Ll.
113	7	18 29 50.49	3.635	23 4 1.5	2.604	(399.)
114	5	18 29 56.30	3.584	21 10 16.4	2.613	(398.) Ll.
115	8. 9	18 31 5.64	3.581	21 5 44.7	2.714	(398.)
116	7	18 31 7.08	3.627	22 47 36.3	2.715	(399.) Ll.
117	8	18 31 40.11	3.596	21 37 40.2	2.762	(398.)
118	8. 9	18 31 45.44	3.741	26 52 25.3	2.770	(404.)
119	9	18 32 23.28	3.691	25 7 22.8	2.824	(403.)
120	10	18 32 31.30	3.696	25 18 8.2	2.836	(403.)
121	8	18 33 0.56	3.590	21 27 27.8	2.879	(398.)
122	8. 9	18 33 39.82	3.692	25 10 18.8	2.936	(403.)
123	8. 9	18 34 24.27	3.725	26 21 39.9	2.999	(404.)
124	7	18 34 35.75	3.579	21 3 42.8	3.016	I. Ll.
125	9. 10	18 35 26.54	3.701	25 30 50.6	3.089	(403.)
126	8	18 35 27.79	3.713	25 56 16.8	3.091	(404.)
127	7	18 35 36.23	3.691	25 9 24.5	3.103	(403.) Ll.
128	8	18 35 41.32	3.580	21 7 7.4	3.109	II. Ll.
129	8	18 36 21.23	3.580	21 8 57.7	3.167	III. Ll.
130	4	18 37 17.75	3.618	22 32 39.5	3.249	(309.) Ll. B.
131	10	18 37 52.90	3.723	26 22 6.5	3.386	(404.)
132	10	18 38 57.69	3.683	24 56 22.9	3.394	(403.)
133	8	18 39 49.13	3.728	26 33 52.4	3.467	(404.)
134	9. 10	18 40 20.07	3.676	24 42 17.6	3.511	(403.) Ll.
135	8. 9	18 40 42.77	3.643	23 31 35.4	3.543	(400.)
136	8. 9	18 41 0.38	3.678	24 48 15.2	3.568	IV. Ll.
137	6. 7	18 41 7.96	3.629	23 0 50.6	3.579	(400.)

I. (398) -0.16 -1.2; (407) +0.17 +1.1. **II.** (398) -0.49 +0.4; (407) +0.49 -0.4.
III. (398) -0.20 -0.6; (407) +0.21 -0.6. **IV.** (401) -0.28 +0.1; (403) +0.29 -0.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
138	8	18 41 17.19	+ 3.739	-26 56 7.1	+ 3.593	(404.)
139	6. 7	18 41 38.23	3.613	22 26 1.8	3.622	(399.) Ll.
140	5. 6	18 41 49.51	3.610	22 19 46.6	3.640	I. Ll.
141	10	18 41 50.18	3.649	23 46 13.9	3.640	(403.)
142	9	18 41 54.19	3.717	26 11 12.8	3.646	(404.)
143	7	18 42 40.31	3.678	24 49 30.1	3.712	(401.) Ll.
144	5	18 43 7.90	3.604	22 5 34.1	3.752	(399.) Ll. B.
145	7	18 43 8.58	3.735	26 49 16.0	3.753	(404.)
146	7. 8	18 43 36.74	3.613	22 28 33.3	3.794	(400.) Ll.
147	8	18 43 38.88	3.726	26 33 56.9	3.797	(404.)
148	8	18 43 43.71	3.616	22 34 1.9	3.804	(400.)
149	10	18 44 17.84	3.659	24 10 7.0	3.852	(403.)
150	8	18 44 20.38	3.598	21 54 5.1	3.856	II.
151	8	18 44 56.70	3.600	22 0 45.7	3.909	(400.)
152	8	18 45 11.01	3.680	24 56 57.0	3.928	(403.) Ll.
153	7	18 45 11.50	3.600	22 0 49.1	3.930	(399.)
154	9	18 45 20.33	3.679	24 53 32.5	3.942	(403.) Ll.
155	9	18 45 21.16	3.651	23 53 59.2	3.943	(401.)
156	4	18 45 57.86	3.723	26 28 37.6	3.996	(404.)
157	4. 5	18 46 2.95	3.623	22 51 11.6	4.003	(400.) Ll. R.
158	9	18 46 22.81	3.687	25 12 36.9	4.032	(401.)
159	7	18 46 47.42	3.687	25 13 58.1	4.066	(401.)
160	10	18 46 49.00	3.680	24 57 55.9	4.069	(403.)
161	10	18 47 3.41	3.717	26 18 39.4	4.090	(404.)
162	6	18 47 29.30	3.635	23 19 59.1	4.126	(400.) Ll.
163	7	18 47 32.35	3.675	24 48 30.6	4.130	III.
164	9	18 47 55.11	3.699	25 39 17.9	4.163	(403.)
165	9	18 48 7.57	3.652	23 58 51.5	4.181	(401.)
166	8	18 48 44.89	3.632	23 15 15.1	4.234	(400.)

I. (399) -0.01 —; (400) 0.00 0.0. II. (399) +0.03 +0.7; (400) -0.03 -0.8. III. (401) 0.00 -1.5; (402) +0.01 +1.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ' "	"	° ' "	"	
167	6. 7	18 49 7.63	+ 3.681	- 25 4 16.0	+ 4.267	I. Ll.
168	10	18 49 13.43	3.704	25 53 12.1	4.275	(404.)
169	10	18 49 43.15	3.687	25 17 47.8	4.317	(403.) Ll.
170	8. 9	18 49 52.12	3.632	23 16 43.1	4.331	(400.)
171	8	18 50 16.11	3.583	21 25 43.3	4.364	II.
172	10	18 50 24.03	3.696	25 37 41.3	4.376	(403.)
173	9	18 50 35.19	3.648	23 54 20.5	4.391	(402.)
174	6	18 50 36.53	3.597	22 1 36.6	4.394	III. Ll.
175	8	18 50 44.06	3.667	24 35 53.8	4.404	IV.
176	8. 9	18 50 58.47	3.717	26 22 58.7	4.424	(404.)
177	8. 9	18 51 8.07	3.667	24 35 21.6	4.438	(401.)
178	7. 8	18 51 12.47	3.682	25 8 43.8	4.444	(403.) Ll.
179	8. 9	18 51 45.69	3.637	23 29 32.3	4.491	(400.)
180	7	18 52 19.08	3.634	23 25 57.7	4.538	(400.)
181	8	18 52 25.43	3.711	26 12 38.4	4.547	(404.)
182	4	18 52 35.11	3.620	22 54 3.4	4.561	(399.) Ll.
183	8	18 52 59.54	3.604	22 18 3.4	4.597	(400.)
184	7. 8	18 53 7.82	3.647	23 54 9.0	4.608	(401.)
185	8	18 53 9.09	3.702	25 53 51.1	4.610	(404.)
186	7	18 53 16.37	3.624	23 2 52.5	4.619	(403.)
187	8	18 53 33.69	3.665	24 33 26.0	4.645	V.
188	9	18 54 32.90	3.670	24 46 44.9	4.728	(402.)
189	9	18 54 40.21	3.653	24 8 47.4	4.738	VI.
190	7	18 54 41.53	3.620	22 55 28.5	4.741	VII.
191	7. 8	18 55 10.31	3.616	22 46 34.7	4.781	(399.)
192	7	18 55 33.32	3.686	25 26 48.7	4.813	(401.) Ll.
193	9. 10	18 55 37.73	3.675	25 1 59.1	4.820	(403.)

I. (401) -0.01 -0.2; (402) -0.03 +1.6; (403) +0.05 -1.5. **II.** (398) -0.30 -0.5; (407) +0.31 +0.4. **III.** (399) -0.05 +1.3; (400) +0.06 -1.3. **IV.** (401) -0.09 +0.1; (402) +0.10 -0.1. **V.** (401) +0.12 +1.0; (403) -0.12 -1.1. **VI.** (401) +0.20 +2.2; (402) -0.04 -1.0; (403) -0.16 -1.1. **VII.** (399) +0.8 -0.8; (400) -0.17 +0.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
194	3. 4	18 55 41.51	+ 3.593	- 21 57 21.5	+ 4.826	(400.) Ll. R.
195	8	18 55 49.39	3.673	24 53 5.7	4.836	(402.) Ll.
196	9	18 55 54.13	3.679	25 8 9.9	4.844	(403.)
197	8	18 56 6.24	3.573	21 9 53.5	4.863	(407.)
198	9	18 56 26.85	3.727	26 51 39.4	4.890	(404.)
199	7. 8	18 56 27.13	3.672	24 53 44.2	4.890	I. Ll.
200	9	18 56 50.76	3.571	21 8 18.8	4.924	II.
201	8. 9	18 56 58.55	3.622	23 4 8.9	4.936	(399.)
202	8. 9	18 57 19.65	3.616	22 49 20.3	4.966	III.
203	5. 6	18 56 57.06	3.612	22 43 15.4	5.018	IV. Ll.
204	8. 9	18 58 3.88	3.584	21 39 5.4	5.028	V.
205	8	18 58 5.29	3.667	24 44 58.0	5.029	VI. Ll.
206	9	18 58 22.71	3.708	26 13 36.7	5.054	(404.)
207	9. 10	18 58 23.22	3.656	24 20 58.4	5.054	(402.)
208	8. 9	18 58 26.91	3.589	21 50 30.2	5.060	(398.)
209	9	18 58 38.72	3.716	26 34 20.6	5.076	(404.)
210	9	18 58 49.60	3.579	21 28 23.6	5.093	(407.)
211	9	18 58 52.80	3.696	25 50 12.1	5.097	(404.)
212	8. 9	18 58 58.41	3.609	22 35 57.1	5.104	(399.)
213	8	18 59 2.71	3.593	22 — —	5.111	(398.)
214	7	18 59 4.46	3.670	24 53 10.6	5.113	VII. Ll.
215	8	18 59 34.89	3.681	25 18 37.3	5.155	VIII. Ll.
216	8	18 59 38.05	3.662	24 38 51.9	5.159	(402.)
217	10	18 59 42.50	3.578	21 28 26.5	5.165	(407.)
218	8	19 0 30.37	3.608	22 36 44.0	5.232	IX.
219	6	19 0 30.84	3.629	23 25 26.3	5.233	(400.)

I. (401) +0.11 -3.2; (402) -0.06 +4.6; (403) -0.04 -1.5. II. (398) -0.23 -0.8; (407) +0.23 +0.7. III. (399) +0.04 -0.7; (400) -0.03 +0.7. IV. (399) -0.07 +5.3; (400) +0.08 -5.3. V. (398) -0.14 -0.6; (407) +0.15 +0.6. VI. (401) 0.00 +2.1; (402) -0.10 -0.1; (403) +0.11 -2.1. VII. (401) +0.06 -0.4; (403) -0.05 +0.4. VIII. (401) +0.47 +1.6; (403) -0.46 -1.6. IX. (399) +0.13 +0.5; (400) -0.02 -0.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
220	9	19 0 31.49	+ 3.722	− 26 46 33.7	+ 5.234	(404.)
221	9	19 0 35.33	3.725	26 53 2.9	5.239	(404.)
222	7. 8	19 0 44.80	3.584	21 41 17.7	5.253	(398.)
223	9	19 0 45.59	3.583	21 39 26.5	5.254	(398.)
224	4	19 0 50.49	3.572	21 15 27.0	5.261	(407.) Ll. R.
225	9	19 1 0.19	3.718	26 40 50.5	5.275	(404.)
226	8	19 1 36.58	3.587	21 54 34.3	5.327	(400.)
227	7	19 1 51.98	3.655	24 25 27.5	5.349	I. Ll.
228	10	19 1 56.28	3.553	21 26 57.9	5.354	(407.)
229	8	19 2 24.30	3.663	24 41 12.8	5.394	(402.)
230	8	19 2 58.34	3.643	23 58 58.2	5.441	II.
231	9. 10	19 3 4.27	3.573	21 19 45.1	5.450	(407.)
232	6	19 3 7.05	3.595	22 10 17.0	5.454	III.
233	10	19 3 18.07	3.658	24 33 31.4	5.469	(403.)
234	8	19 3 18.45	3.687	25 35 36.9	5.469	(402.)
235	8. 9	19 3 29 32	3.695	25 54 48.1	5.485	(404.)
236	5	19 3 30.43	3.588	21 54 9.2	5.486	(399.) R.
237	7. 8	19 3 36.47	3.662	24 43 54.8	5.494	IV. Ll.
238	7	19 3 37.22	3.611	22 26 0.7	5.496	(400.)
239	10	19 3 58.86	3.700	26 7 19.5	5.527	(404.)
240	6	19 3 59.24	3.702	26 9 8.9	5.528	(404.)
241	8	19 3 59.87	3.641	23 57 15.7	5.528	(405.)
242	10	19 4 18.39	3.686	25 35 40.7	5.553	(402.)
243	8. 9	19 4 45.74	3.593	22 10 33.0	5.592	(399.)
244	8	19 4 53.03	3.594	22 11 35.5	5.602	V. Ll.
245	5. 6	19 5 9.83	3.597	22 18 35.6	5.626	(400.) Ll.
246	8. 9	19 5 55.46	3.575	21 28 15.4	5.689	(398.)
247	4. 5	19 6 20.41	3.682	25 30 37.7	5.724	(402.) R.

I. (401) −0.04 +1.2; (402) +0.19 +1.9; (403) −0.14 −3.0. **II.** (401) +0.08 +1.0; (403) −0.08 −1.1. **III.** (399) −0.01 −0.2; (400) +0.02 +0.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
248	7	19 6 24.63	+ 3.652	- 24 25 47.7	+ 5.731	I. Ll.
249	9	19 6 31.70	3.634	23 44 3.2	5.741	(399.)
250	9	19 6 44.60	3.649	26 52 20.9	5.759	(404.)
251	9	19 6 48.95	3.649	24 20 27.4	5.765	II.
252	7. 8	19 6 58.96	3.590	22 5 36.8	5.779	(400.) Ll.
253	7	19 7 0.27	3.693	25 55 16.7	5.780	(404.)
254	8. 9	19 7 12.28	3.684	25 35 59.4	5.797	(402.)
255	8	19 7 38.96	3.588	22 3 19.4	5.834	(400.) Ll.
256	8	19 7 48.32	3.626	23 28 47.2	5.846	(399.)
257	8	19 7 58.89	3.600	22 29 28.8	5.862	(399.)
258	8	19 8 1.09	3.580	21 45 25.1	5.864	(398.) Ll.
259	7. 8	19 8 11.77	3.587	22 0 45.2	5.880	(400.) Ll.
260	8. 9	19 8 14.53	3.642	24 6 12.4	5.884	(401.)
261	7	19 8 19.80	3.570	21 20 1.0	5.891	(398.)
262	10	19 8 27.20	3.689	25 50 9.4	5.901	(404.)
263	9. 10	19 8 38.53	3.699	26 11 23.6	5.917	(404.)
264	7. 8	19 8 43.20	3.583	21 52 42.5	5.923	III.
265	9	19 8 51.51	3.675	25 20 6.3	5.936	IV. Ll.
266	8. 9	19 9 0.01	3.580	21 46 12.9	5.947	(398.) Ll.
267	10	19 9 14.20	3.668	25 4 55.1	5.967	(403.)
268	9. 10	19 9 27.67	3.702	26 20 22.2	5.986	(404.)
269	9	19 9 46.62	3.701	26 18 25.8	6.012	(404.)
270	8	19 9 56.08	3.585	21 58 9.5	6.025	V.
271	10	19 10 11.06	3.656	24 39 5.3	6.046	(402.)
272	8	19 10 13.02	3.633	23 49 33.1	6.049	VI.
273	8	19 10 21.88	3.591	22 12 40.2	6.061	VII.
274	9	19 10 33.20	3.590	22 12 55.3	6.076	(400.)

I. (401) +0.05 +1.0; (403) -0.07 -1.1. II. (401) -0.12 +0.5; (403) +0.13 -0.5. III. (399) +0.23 -0.6; (400) -0.23 +0.5. IV. (401) -0.07 +0.8; (402) +0.09 -1.4; (403) -0.03 +0.7. V. (399) -0.07 -0.1; (400) +0.07 0.0. VI. (401) -0.15 +2.6; (403) +0.15 -2.6. VII. (399) +0.12 -0.1; (400) -0.11 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
275	10	19 10 51.37	+ 3.711	-26 43 15.4	+ 6.101	(404.)
276	8	19 11 8.82	3.661	24 54 9.8	6.127	I.
277	8	19 11 28.92	3.589	22 8 14.6	6.154	(399.)
278	9	19 11 33.02	3.572	21 31 59.9	6.159	(398.)
279	6	19 11 34.67	3.649	24 28 38.5	6.162	(402.) Ll.
280	10	19 11 40.92	3.636	23 59 15.9	6.170	(403.)
281	8	19 11 45.98	3.685	25 48 16.6	6.177	II. Ll.
282	7	19 11 56.92	3.579	21 48 36.8	6.193	(398.)
283	7	19 11 57.85	3.586	22 4 32.0	6.194	(400.) R.
284	8	19 12 0.38	3.634	23 53 30.0	6.197	III.
285	8	19 12 29.99	3.702	26 26 26.9	6.238	(404.)
286	7. 8	18 12 56.36	3.581	21 55 16.7	6.274	(400.)
287	9	19 13 35.58	3.631	23 51 32.4	6.329	IV.
288	8. 9	19 13 49.81	3.600	22 40 18.1	6.349	(400.)
289	9	19 14 17.34	3.644	24 20 3.7	6.387	V.
290	9. 10	19 14 55.39	3.626	23 37 52.5	6.439	(402.)
291	7. 8	19 15 2.45	3.583	22 2 14.3	6.449	(400.)
292	7	19 15 24.54	3.605	22 54 17.6	6.480	(400.) Ll.
293	10	19 15 40.03	3.679	25 41 3.8	6.501	(403.)
294	4. 5	19 16 8.60	3.654	24 47 42.3	6.542	VI. Ll.
295	7. 8	19 16 15.21	3.652	24 42 1.6	6.550	(401.) Ll.
296	8	19 17 27.64	3.702	26 36 38.2	6.650	(404.)
297	9	19 17 33.25	3.682	25 52 32.2	6.657	(402.) Ll.
298	8. 9	19 17 52.61	3.640	24 20 26.8	6.685	VII. Ll.
299	10	19 18 15.73	3.699	26 30 1.8	6.717	(404.)
300	10	19 18 50.24	3.554	21 1 13.8	6.763	(408.)

I. (401) -0.18 +1.6; (402) +0.19 -1.6. **II.** (401) -0.04 -1.8; (404) +0.05 +1.7. **III.** (402) +0.09 +0.9; (403) -0.08 -1.0. **IV.** (401) +0.09 +2.1; (402) -0.14 -1.2; (403) +0.04 -1.0. **V.** (402) -0.09 -0.5; (403) +0.09 +0.5. **VI.** (401) +0.05 +2.9. (402) +0.02 +0.5; (403) -0.07 -3.3. **VII.** (401) -0.08 +1.7; (402) +0.02 -0.4; (403) +0.06 -1.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
301	10	19 18 51.57	+ 3.639	- 24 19 39.4	+ 6.766	I.
302	8. 9	19 19 37.02	3.689	26 11 54.1	6.841	(404.)
303	9. 10	19 19 41.68	3.687	26 8 5.3	6.847	(404.)
304	9. 10	19 19 55.33	3.643	24 31 34.5	6.852	II.
305	9	19 20 11.32	3.646	24 37 38.5	6.874	(402.)
306	9	19 20 25.89	3.686	26 6 15.0	6.894	(404.)
307	8. 9	19 20 26.03	3.643	24 30 57.0	6.894	III.
308	8	19 20 48.55	3.567	21 38 32.1	6.929	IV.
309	9. 10	19 20 58.92	3.655	24 59 52.3	6.939	V.
310	8. 9	19 21 1.61	3.678	25 49 14.5	6.943	(404.)
311	9. 10	19 21 26.40	3.555	21 8 25.6	6.976	VI.
312	9. 10	19 21 30.50	3.652	24 53 21.1	6.983	VII.
313	9	19 21 47.00	3.678	25 50 27.6	7.005	(404.)
314	6. 7	19 21 50.36	3.635	24 15 31.8	7.009	(401.) Ll.
315	8	19 22 5.46	3.686	26 12 39.0	7.030	(404.)
316	8	19 22 6.50	3.639	24 24 6.0	7.032	VIII. Ll.
317	6. 7	19 22 31.14	3.556	21 20 56.0	7.065	IX. Ll.
318	10	19 22 42.73	3.660	25 14 47.7	7.082	(403.)
319	8. 9	19 22 55.71	3.624	23 53 16.3	7.099	X.
320	8	19 23 20.26	3.570	21 49 41.8	7.132	(408.) Ll. B.
321	6	19 23 25.16	3.602	23 3 15.5	7.138	(399.)
322	9	19 23 37.43	3.659	25 14 25.5	7.155	(402.)
323	9	19 23 40.79	3.659	25 15 24.5	7.161	XI.
324	8	19 23 40.93	3.688	26 20 33.3	7.161	(404.)
325	8	19 24 30.79	3.591	22 40 32.5	7.229	(399.)
326	10	19 24 48.61	3.640	24 35 23.4	7.254	(402.)

I. (402) +0.06 +0.4; (403) -0.06 -0.5. **II.** (401) +0.13 0.0; (403) -0.12 -0.1. **III.** (401) -0.07 +1.8; (402) +0.10 -0.4; (403) -0.02 -1.3. **IV.** (398) +0.06 -1.1; (408) -0.06 +1.0. **V.** (402) -0.04 +1.4; (403) +0.04 -1.4. **VI.** (395) +0.03 -2.3; (408) -0.03 +2.2. **VII.** (402) +0.10 -0.6; (403) -0.10 +0.5. **VIII.** (401) -0.05 +2.1; (402) +0.06 -2.1. **IX.** (398) +0.01 -1.9; (408) 0.00 +1.8. **X.** (401) -0.05 +4.1; (408) +0.06 -4.1. **XI.** (401) +0.27 0.0; (403) -0.26 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
327	9	19 25 2.52	+ 3.589	- 22 36 55.0	+ 7.273	(399.)
328	8	19 25 7.42	3.555	21 15 6.9	7.278	(398.)
329	9	19 25 14.16	3.650	24 56 55.2	7.288	I.
330	7	19 25 15.97	3.615	23 38 42.4	7.291	(400.)
331	9	19 25 41.49	3.645	24 48 56.6	7.325	II.
332	8. 9	19 26 20.06	3.646	24 51 44.7	7.378	(402.)
333	7	19 26 37.28	3.614	23 37 59.1	7.400	(400.)
334	9	19 26 40.83	3.693	26 37 31.1	7.406	(404.)
335	7	19 26 42.74	3.550	21 5 56.0	7.409	(408.)
336	6. 7	19 26 44.21	3.585	22 29 24.8	7.410	(399.)
337	9	19 26 49.98	3.642	24 41 59.1	7.418	(402.)
338	8	19 26 52.69	3.682	26 12 32.4	7.422	(404.)
339	6. 7	19 26 54.92	3.651	25 2 35.0	7.424	III. Ll. B.
340	10	19 26 59.19	3.553	21 14 42.8	7.430	(408.)
341	9	19 27 28.45	3.646	24 52 41.9	7.459	IV.
342	8	19 27 46.69	3.610	23 30 31.0	7.495	V.
343	8. 9	19 27 52.22	3.586	22 35 50.4	7.502	(399.)
344	9	19 27 53.97	3.659	25 24 20.4	7.504	(402.)
345	7	19 28 22.03	3.586	22 35 11.7	7.543	VI.
346	10	19 28 53.17	3.549	21 8 46.8	7.584	(408.)
347	9. 10	19 29 3.02	3.643	24 52 38.0	7.598	VII.
348	9	19 29 31.15	3.586	22 37 5.3	7.635	(400.)
349	10	19 30 8.40	3.605	23 24 5.9	7.685	(399.)
350	9	19 30 19.88	3.633	24 30 48.2	7.689	VIII.
351	9	19 30 33.00	3.632	24 28 41.5	7.719	(402.)
352	7. 8	19 30 46.27	3.695	23 3 58.4	7.737	(399.)
353	6	19 30 59.67	3.575	22 14 4.4	7.756	(400.) Ll.

I. (401) -0.06 -2.2; (402) +0.01 +0.6; (403) +0.05 +1.7. **II.** (401) +0.12 +0.4. (402) +0.11 +0.3; (403) -0.24 -0.6. **III.** (401) -0.10 +1.0; (403) +0.11 -1.1. **IV.** (401) +0.18 +1.4; (402) +0.11 +1.3; (403) -0.30 -2.6. **V.** (399) 0.00 +1.9; (400) 0.00 -2.0. **VI.** (399) +0.08 +0.4; (400) -0.08 -0.5. **VII.** (401) -0.22 +0.8; (402) +0.19 -2.4; (403) +0.02 -0.3. **VIII.** (401) -0.09 +1.5; (403) 0.00 +0.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
354	7. 8	19 31 5.90	+ 3.613	-23 46 5.7	+ 7.764	(403.) Ll.
355	7	19 31 21.44	3.611	23 40 12.3	7.784	400.) Ll.
356	8	19 31 25 36	3.595	23 3 32.9	7.791	(399.)
357	8. 9	19 31 57.90	3.547	21 10 35.5	7.833	(408.)
358	9	19 32 3.21	3.618	23 59 31.2	7.840	I.
359	9	19 32 29.31	3.649	25 10 48.7	7.875	(402.) Ll.
360	9. 10	19 32 40.01	3.617	23 58 46.5	7.889	(403.) Ll.
361	7	19 32 51.06	3.564	21 53 56.5	7.904	II.
362	9. 10	19 32 58.25	3.546	21 10 38.4	7.913	(408.) Ll.
363	9. 10	19 33 11.09	3.691	26 47 23.1	7.931	(404.)
364	6	19 33 16.30	3.648	25 12 13.8	7.938	(402.) Ll.
365	9. 10	19 33 22.14	3.554	21 30 23.7	7.947	III.
366	9	19 33 32.93	3.634	24 43 29.2	7.961	(403) Ll.
367	10	19 34 21.70	3.615	23 57 56.2	8.027	(403.)
368	8	19 34 38.45	3.642	25 4 4.8	8.047	(402.) Ll.
369	9	19 34 39.15	3.614	23 55 52.0	8.049	(402.)
370	8	19 34 41.78	3.572	22 16 53.9	8.053	(399.)
371	9	19 34 47.08	3.691	26 53 48.1	8.060	(404.)
372	9. 10	19 34 49.86	3.585	22 48 5.8	8.064	(400.)
373	9. 10	19 35 9.24	3.566	22 4 27.4	8.089	(399.)
375	10	19 35 13.96	3.689	26 48 33.0	8.095	(404.)
375	9. 10	19 35 42.86	3.660	25 39 43.9	8.134	IV.
376	7	19 35 44.77	3.587	22 53 54.4	8.136	(400.) Ll.
377	7. 8	19 35 46.00	3.543	21 8 35.4	8.138	(398.)
378	9	19 36 3.86	3.659	25 43 52.1	8.162	(402.)
379	8. 9	19 36 12.28	3.581	22 43 50.6	8.173	V.
380	10	19 36 16.44	3.667	26 2 17.7	8.178	(404.)
381	9	19 36 29.37	3.653	25 31 44.2	8.196	(402.)

I. (401) +0.09 +1.4; (402) -0.09 -1.9; (403) 0.00 +0.4. **II.** (399) +0.06 +1.0; (400) -0.06 -1.0. **III.** (398) +0.08 -1.5; (408) -0.08 +1.4. **IV.** (402) -0.05 +1.4; (403) +0.06 -1.5. **V.** (399) +0.07 +3.5; (400) -0.07 -3.5.

21° -27°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
382	8	19 36 45.17	+ 3.584	- 22 51 0.8	+ 8.216	(399.)
383	8	19 37 0.24	3.573	22 25 50.8	8.237	(400.)
384	9	19 37 12.91	3.545	21 18 10.2	8.254	(398.)
385	7. 8	19 37 19.55	3.645	25 14 15.4	8.264	(402.) Ll.
386	8	19 37 46.29	3.544	21 15 58.9	8.298	(398.)
387	8	19 38 6.24	3.614	24 5 45.9	8.325	(402.) Ll.
388	7. 8	19 38 31.52	3.589	23 10 24.0	8.359	(400.)
389	8	19 38 31.92	3.561	22 0 6.3	8.359	(399.)
390	6	19 38 35.92	3.566	22 11 28.7	8.364	I.
391	8. 9	19 39 28.00	3.537	21 3 18.2	8.432	(398.)
392	8. 9	19 40 45.83	3.679	26 43 56.5	8.535	(404.)
393	8. 9	19 40 54.58	3.537	21 7 1.4	8.547	(398.)
394	8	19 41 15.29	3.556	21 53 48.0	8.573	(399.)
395	6	19 41 19.26	3.587	23 9 7.5	8.579	(400.) Ll.
396	7. 8	19 41 28.02	3.559	22 0 54.8	8.590	(399.)
397	10	19 41 31.79	3.674	26 32 35.0	8.596	(404.)
398	9. 10	19 42 7.27	3.600	23 44 17.7	8.642	(400.)
399	8	19 42 29.79	3.546	21 31 29.0	8.672	(398.)
400	10	10 42 35.34	3.576	22 45 39.2	8.678	(399.)
401	8. 9	19 43 44.94	3.570	22 35 43.4	8.770	(399.)
402	6	19 43 52.38	3.593	23 32 9.1	8.781	(400.)
403	10	19 44 46.85	3.593	21 20 39.4	8.852	(398.)
404	8	19 45 6.53	3.575	22 50 34.6	8.879	(399.)
405	9	19 45 13.99	3.680	26 57 37.3	8.888	(404.)
406	10	19 45 41.69	3.557	22 7 46.0	8.925	(399.)
407	6	19 46 38.66	3.671	26 41 35.0	8.999	(404.) Ll.
408	7. 8	19 46 40.32	3.550	21 53 44.4	9.001	(400.)
409	8	19 46 42.18	3.677	25 56 27.9	9.004	(404.) Ll.
410	5. 6	19 47 42.95	3.587	23 27 26.8	9.083	(400.) Ll.

I. (399) +0.12 +1.0; (400) -0.11 -1.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ' "	"	° ' "	"	
411	7	19 47 46.71	+ 3.570	- 22 45 44.4	+ 9.088	(399.)
412	8. 9	19 48 6.46	3.667	26 36 52.8	9.113	(404.)
413	7	19 48 45.11	3.583	23 19 54.9	9.163	I.
414	8. 9	19 49 30.22	3.580	22 59 23.8	9.222	(399.)
415	9. 10	19 49 45.86	3.574	23 1 4.0	9.243	(399.)
416	5	19 49 48.66	3.564	26 35 49.4	9.246	(404.)
417	5. 6	19 50 40.30	3.563	22 36 51.9	9.313	(400.) Ll.
418	9. 10	19 51 20.27	3.605	24 21 37.2	9.363	(403.)
419	10	19 51 31.39	3.656	26 20 54.1	9.378	(404.)
420	8	19 51 46.95	3.662	26 37 49.5	9.389	(404.)
421	10	19 51 47.98	3.611	24 35 35.3	9.399	(403.)
422	5	19 51 53.43	3.572	23 2 34.9	9.406	(399.) Ll.
423	9	19 52 17.74	3.544	21 52 17.1	9.438	(408.) Ll.
424	9	19 52 21.52	3.546	21 57 43.0	9.443	(400.)
425	4	19 52 28.78	3.575	23 8 44.5	9.452	(399.) Ll.
426	7	19 52 45.69	3.558	22 31 9.0	9.474	(400.)
427	9	19 53 24.38	3.534	21 29 57.9	9.522	II.
428	8	19 53 43.10	3.575	23 14 47.1	9.547	(399.)
429	8	19 53 53.91	3.655	26 27 19.1	9.561	(404.)
430	9	19 54 8.18	3.525	21 9 27.7	8.581	III.
431	6	19 54 33.97	3.577	23 22 26.9	9.612	(399.) Ll.
432	4. 5	19 54 50.70	3.568	23 0 45,3	9.634	(400.) Ll.
433	8	19 55 9.98	3.663	26 44 38.3	9.659	(404.)
434	9. 10	19 55 2.08	3.611	24 46 10.5	9.649	(403.)
435	8	19 55 20.11	3.602	24 24 2.1	9.671	(402.)
436	6. 7	19 55 34.01	3.558	22 36 19.0	9.689	(399.) Ll.
437	8	19 56 7.78	3.536	21 43 56.8	9.733	(408.) Ll.
438	9	19 56 11.33	3.627	25 28 47.1	9.737	IV.

I. (399) +0.08 +0.4; (400) −0.08 −0.4. II. (398) +0.03 −2.2; (408) −0.03 +2.1.
III. (398) +0.06 −3.0; (408) −0.05 +2.9. IV. (402) −0.03 +5.9; (403) +0.04 −6.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
439	8	19 56 28.01	+ 3.568	-23 3 10.8	- 9.758	I.
440	10	19 57 3.15	3.662	26 54 9.9	9.803	(404.)
441	10	19 57 19.32	3.527	21 25 24.7	9.824	(408.)
442	8	19 57 39.11	3.660	26 51 35.3	9.849	(404.)
443	5. 6	19 57 44.56	3.543	22 5 52.6	9.856	II. Ll.
444	9	19 58 42.31	3.595	24 18 35.7	9.929	(403.) Ll.
445	9	19 58 51.32	3.522	21 15 35.6	9.939	(408.)
446	9	19 59 27.65	3.598	24 28 46.6	9.986	III.
447	7	19 59 39.79	3.587	24 1 2.4	10.002	IV. Ll.
448	8	19 59 56.05	3.565	23 7 30.2	10.022	(399.)
449	7. 8	19 59 58.56	3.652	26 39 13.5	10.026	(404.)
450	10	20 0 21.25	3.597	24 27 22.2	10.053	V.
451	9	20 0 25.85	3.569	23 18 22.7	10.059	(400.)
452	8	20 0 46.88	3.513	21 1 27.8	10.086	(408.) Ll.
453	9	20 0 53.66	3.551	22 34 42.0	10.095	(399.)
454	9	20 0 55.80	3.641	26 18 34.3	10.097	(404.)
455	7	20 1 3.85	3.626	25 43 9.2	10.108	(401.) Ll.
456	8	20 1 4.03	3.624	25 37 40.5	10.108	(401.) Ll.
457	8	20 1 5.50	5.536	21 57 30.7	10.109	(400.)
458	8	20 1 26.17	3.617	25 21 40.8	10.135	VI. Ll.
459	8. 9	20 1 55.74	3.594	24 27 30.6	10.172	(402.)
460	10	20 2 6.72	3.635	26 6 46.8	10.186	(404.)
461	8. 9	20 2 30.16	3.598	24 39 58.4	10.215	VII.
462	7	20 2 34.72	3.544	22 23 34.6	10.221	(400.) Ll.
463	10	20 3 12.11	3.599	24 43 11.7	10.267	VIII.
464	7	20 3 18.47	3.544	22 23 25.3	10.275	(399.)
465	9	20 3 45.04	3.578	23 52 59.0	10.309	IX.

I. (399) -0.03 +0.6; (400) +0.04 -0.6. **II.** (399) +0.13 -0.7; (400) -0.12 +0.7; **III.** (402) +0.21 +0.5; (403) -0.20 -0.5. **IV.** (401) -0.09 -2.6; (402) +0.09 +2.5. **V.** (402) -0.08 +0.4; (403) +0.09 -0.5. **VI.** (402) +0.02 +0.9; (403) -0.04 -1.0. **VII.** (402) +0.12 -0.1; (403) -0.11 0.0. **VIII.** (402) +0.07 -1.1; (403) -0.07 +1.0. **IX.** (401) -0.06 +2.0; (403) +0.06 -2.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
466	8	20 3 47.06	+ 3.611	-25 14 57.6	+ 10.311	(402.) Ll.
467	6	20 4 0.10	3.567	23 25 43.5	10.328	I.
468	10	20 4 8,60	3.612	25 18 43.0	10.339	II. Ll.
469	9	20 4 25,61	3.530	21 53 16.2	10.360	III.
470	9	20 4 27.15	3.545	22 30 28.2	10.361	(400.)
471	9	20 4 41.39	3.523	21 46 36.4	10.379	(398.)
472	7. 8	20 5 21.18	3.563	23 19 34.9	10.429	(399.)
473	7	20 5 28.04	3.543	22 29 15.3	10.438	(400.)
474	9	20 5 55.25	3.522	21 38 26.3	10.471	(398.)
475	10	20 6 5,79	3.514	21 15 15.3	10.485	(408.)
476	9. 10	20 6 12,39	3.599	24 53 55.0	10.492	IV.
477	9. 10	20 6 37,68	3.592	24 38 54.0	10.525	V.
478	7. 8	20 6 43,58	3.528	21 54 51.5	10.533	(400.)
479	9	20 7 15.29	3.583	24 17 23.7	10.571	VI. Ll.
480	7. 8	20 7 16.35	3.576	24 — —	10.572	(400.)
481	9	20 7 16.41	3.576	23 57 54.2	10.572	(403.)
482	10	20 7 52.93	3.636	26 33 57.4	10.693	(404.)
483	10	20 8 41.26	3.632	26 25 43.6	10.677	(404.)
484	9	20 9 8.88	3.594	24 49 50.1	10.712	VII. Ll.
485	10	20 9 10.73	3.591	24 43 46.0	10.714	(403.)
486	5. 6	20 9 16.25	3.537	22 27 34.2	10.720	(400.)
487	8	20 9 59.18	3.581	24 21 29.0	10.774	VIII. Ll.
488	8	20 10 22.39	3.540	22 35 27.0	10.802	(400.)
489	7	20 10 46.38	3.612	25 41 12.5	10.831	(401.) Ll.
490	9	20 11 9 96	3.526	22 2 45.0	10.861	(400.)
491	7	20 11 26.29	3.611	25 40 38.4	10.881	(401.) Ll.
492	10	20 11 42.62	3.599	25 15 32.5	10.902	IX.

I. (399) -0.01 -1.4; (400) +0.01 +1.4. **II.** (402) -0.12 +0.9; (403) +0.13 -1.0. **III.** (398) +0.23 0.0; (408) -0.23 —. **IV.** (401) +0.02 +1.0; (402) -0.09 -2.1; (403) +0.08 +1.0. **V.** (401) +0.06 +4.4; (402) +0.19 -2.7; (403) -0.25 -2.6. **VI.** (402) +0.18 +0.4; (403) -0.18 -0.5. **VII.** (402) +0.17 +1.7; (403) -0.16 -1.8. **VIII.** (402) +0.17 -0.6; (403) -0.17 +0.6. **IX.** (402) -0.08 -0.1; (403) +0.09 +0.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
493	8. 9	20 11 46.59	3.599	- 25 16 0.0	+ 10.906	I.
494	9. 10	20 12 16.85	3.588	24 47 58.2	10.943	II.
495	8. 9	20 12 32.49	3.551	23 15 0.3	10.962	(399.)
496	7	20 12 36.40	3.567	23 56 50.4	10.967	III. Ll.
497	9	20 12 47.37	3.520	21 53 5.1	10.980	(408.)
498	10	20 12 55.29	3.604	26 29 46.8	10.990	(404.)
499	10	20 13 27.59	3.627	26 27 55.5	11.030	(404.)
500	7. 8	20 13 48.08	3.540	22 49 5.6	11.056	IV.
501	8	20 13 57.99	3.600	25 24 5.5	11.067	V.
502	8. 9	20 14 4.45	3.601	25 27 48.1	11.074	VI.
503	10	20 14 12.93	3.623	26 21 47.1	11.085	(404.)
504	10	20 14 43.77	3.585	24 51 16.2	11.122	(403.)
505	10	20 14 43.85	3.515	21 48 6.1	11.122	(415.)
506	9. 10	20 14 46.71	3.497	21 0 21.5	11.125	(408.)
507	9. 10	20 15 7.09	3.606	25 42 44.3	11.150	(402.)
508	10	20 15 7.32	3.547	23 12 23.1	11.150	(400.)
509	7. 8	20 15 26.57	3.564	23 57 17.1	11.174	(402.)
510	6	20 15 26.80	3.565	24 — —	11.174	(399.)
511	8	20 15 33.15	3.531	22 31 44.6	11.182	VII. Ll.
512	6	20 15 35.61	3.618	26 18 45.3	11.185	(404.)
513	9	20 15 36.05	3.505	21 23 33.7	11.185	(408.)
514	10	20 15 47.06	3.581	24 44 11.0	11.198	VIII.
515	8. 9	20 16 17.76	3.556	23 39 49.7	11.237	IX.
516	8. 9	20 16 28.68	3.563	23 57 45.6	11.250	X.
517	8. 9	20 16 47.25	3.523	22 16 1.8	11.271	(400.)

I. (402) -0.03 +1.4; (403) +0.04 -1.5 II. (402) -0.05 +0.9; (403) +0.05 -1.0. III. (399) -0.07 —; (400) -0.07 —; (401) -0.07 -1.0; (402) +0.23 +1.0. IV. (399) +0.03 -1.2; (400) +0.03 -2.6; (415) -0.07 +3.8. V. (401) +0.11 -0.1; (402) +0.06 +1.0; (403) -0.17 -0.9. VI. (401) -0.03 +2.0; (402) -0.02 -2.0; (403) +0.05 +0.1. VII. (399) -0.22 -2.9; (400) +0.07 -1.3; (415) +0.15 +4.1. VIII. (401) +0.08 -0.1; (403) -0.07 0.0. IX. (399) +0.19 -5.1; (415) -0.18 +5.1. X. (401) +0.18 +0.6; (402) +0.32 +0.8; (403) -0.50 -1.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
518	10	20 17 9.94	+ 3.594	-25 19 45.4	+ 11.299	(402.)
519	8	20 17 17.56	3.596	25 25 49.4	11.321	(402.) Ll.
520	8. 9	20 17 38.20	3.537	22 55 52.2	11.333	I.
521	8	20 18 9.51	3.587	25 6 47.8	11.371	II.
522	8	20 18 11.51	3.539	23 2 33.8	11.373	III.
523	9. 10	20 18 20.51	3.580	24 50 27.7	11.384	(403.)
524	8	20 18 27.89	3.525	22 28 4.8	11.393	IV.
525	10	20 19 9.78	3.596	25 34 49.9	11.443	V.
526	7. 8	20 19 17.80	3.515	22 30 44.2	11.453	VI. Ll.
527	7	20 19 34.26	3.550	24 39 3.8	11.472	VII. Ll.
528	6	20 19 50.53	3.569	24 28 25.0	11.492	(401.)
529	6. 7	20 20 43.01	3.532	22 53 5.7	11.551	VIII. Ll.
530	8. 9	20 20 47.50	3.603	26 — —	11.559	(401.)
531	6	20 20 48.11	3.542	23 20 29.1	11.561	(400.) Ll.
532	9	20 20 52.45	3.503	21 37 16.6	11.565	IX.
533	9	20 21 15.68	3.559	24 7 45.6	11.594	X.
534	9	20 21 19.07	3.506	21 45 14.4	11.598	XI.
535	10	20 21 19.26	3.534	23 0 9.0	11.598	(415.) Ll.
536	8	20 21 58.22	3.493	21 12 24.7	11.644	(408.) Ll.
537	9	20 22 6.97	3.530	22 52 1.0	11.654	XII.
538	7	20 22 50.75	3.531	23 0 17.6	11.706	XIII.
539	9	20 23 21.44	3.566	24 34 13.5	11.741	XIV.
540	6. 7	20 23 28.81	3.585	25 22 23.0	11.744	(402.) Ll.
541	7	20 23 26.23	3.523	22 39 25.4	11.747	XV. Ll.

I. (399) -0.07 -2.9; (400) -0.14 -3.3; (415) +0.21 +6.2. II. (401) -0.04 +1.5; (402) +0.04 -1.5. III. (399) +0.02 -3.1; (415) -0.02 +3.0. IV. (399) +0.09 +0.2; (400) -0.08 -0.2. V. (402) -0.02 +0.4; (403) +0.03 -0.5. VI. (399) -0.04 -2.5; (400) 0.00 -3.1; (415) +0.05 +5.6. VII. (401) +0.16 +1.9; (403) -0.16 -2.0. VIII. (399) -0.12 -1.6; (400) +0.21 -3.0; (415) -0.09 +4.6. IX. (398) +0.01 -4.4; (408) -0.01 +4.3. X. (401) -0.11 -0.1; (403) +0.11 0.0. XI. (398) -0.33 -7.5; (408) +0.33 +7.4. XII. (399) +0.07 -3.9; (400) -0.12 -3.4; (415) +0.05 +7.2. XIII. (399) +0.10 -1.3; (400) -0.10 +1.2. XIV. (401) +0.09 +0.9; (403) -0.09 -1.0. XV. (400) -0.10 -2.3; (415) +0.10 +2.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
542	9	20 23 28.37	+ 3.523	- 22 39 50.2	+ 11.750	(415.)
543	9	20 23 34.97	3.562	24 28 12.1	11.758	I.
544	8. 9	20 23 48.91	3.512	22 11 39.7	11.775	(399.)
545	6	20 23 56.20	3.585	25 26 46.7	11.783	(402.) Ll.
546	7	20 24 44.80	3.523	22 44 5.8	11.841	II. Ll.
547	8	20 24 55.11	3.575	25 9 58.5	11.853	III. Ll.
548	10	20 25 12.86	3.485	21 2 43.3	11.875	(408.)
549	7	20 25 17.32	3.545	23 45 28.9	11.879	IV.
550	10	20 25 36.75	3.521	22 41 52.1	11.902	(415.)
551	8	20 26 12.57	3.532	23 16 7.3	11.945	(399.)
552	9	20 26 30.78	3.511	22 19 50.8	11.963	(400.)
553	8. 9	20 26 43.13	3.557	24 24 31.6	11.980	(402.)
554	8	20 26 55.39	3.565	24 53 14.9	11.993	V. Ll.
555	9. 10	20 27 20.50	3.507	22 9 30.4	12.022	(400.)
556	8	20 27 35.97	3.529	23 13 28.7	12.041	VI.
557	10	20 27 41.18	3.562	24 42 38.3	12.047	VII.
558	9	20 27 53.72	3.595	26 9 7.8	12.062	(404.)
559	10	20 28 18.53	3.482	21 4 48.0	12.092	(408.) Ll.
560	8. 9	20 28 47.44	3.565	24 53 25.8	12.124	VIII. Ll.
561	10	20 28 52.85	3.497	21 51 10.5	12.131	(408.)
562	6. 7	20 28 56.84	3.521	22 57 42.1	12.135	IX.
563	7. 8	20 29 11.91	3.561	24 44 50.7	12.153	X. Ll.
564	9. 10	20 29 37.62	3.497	21 56 32.8	12.185	(415.) Ll.
565	9	20 29 40.62	3.592	26 11 12.0	12.187	(404.)
566	8. 9	20 29 42.81	3.488	21 30 44.4	12.190	(408.) Ll.

I. (401) +0.14 +1.4; (403) -0.14 -1.4. **II.** (400) +0.14 -1.3; (415) -0.13 +1.3. **III.** (401) +0.05 +0.7; (402) +0.19 +0.6; (403) -0.23 -1.2. **IV.** (399) 0.00 -1.3; (400) +0.01 +1.3. **V.** (401) -0.05 +0.9; (402) -0.06 -0.1; (403) +0.11 0.00. **VI.** (399) -0.02 -3.2; (415) +0.02 +3.1. **VII.** (402) +0.07 -5.1; (403) -0.06 +5.1. **VIII.** (401) -0.08 +2.0; (402) -0.01 -1.0; (403) +0.10 -0.9. **IX.** (399) +0.12 -2.6; (400) 0.06 -3.1; (415) -0.07 +5.6 **X.** (401) +0.15 +0.2; (402) -0.03 +0.3; (403) -0.11 -0.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
567	9	20 30 1.94	+ 3.517	- 22 50 27.8	+ 12.201	I.
568	10	20 30 8.82	3.556	24 35 58.7	12.220	(403.)
569	9	20 30 23.27	3.525	23 15 55.7	12.236	(399.)
570	7. 8	20 31 8.66	3.527	23 21 0.4	12.289	II.
571	6. 7	20 31 15.69	3.548	24 19 8.5	12.296	III. Ll.
572	9	20 31 28.85	3.534	24 37 54.0	12.312	(403.) Ll.
573	7. 8	20 31 47.44	3.499	22 9 2.8	12.332	(400.)
574	6. 7	20 31 55.28	3.574	25 34 33.7	12.341	(402.)
575	9	20 32 7.06	3.584	26 — —	12.355	(401.)
576	10	20 32 13.07	3.562	25 1 57.6	12.362	(403.)
577	10	20 32 24.80	3.525	23 22 59.4	12.376	(399.)
578	7	20 32 26.65	3.597	26 31 41.9	12.378	(404.)
579	9. 10	20 32 34.94	3.486	21 35 43.2	12.387	(398.)
580	10	20 32 49.79	3.513	22 49 48.7	12.404	(400.)
581	10	20 32 51.02	3.481	21 20 23.9	12.405	(408.)
582	9	20 33 4.16	3.531	23 39 55.8	12.421	(415.)
583	7. 8	20 33 23.92	3.527	23 31 58.4	12.444	(399.)
584	10	20 33 23.96	3.490	21 48 11.6	12.444	(408.)
585	10	20 34 30.64	3.478	21 20 33.6	12.520	(408.)
586	8	20 34 37.00	3.509	22 50 22.5	12.527	(400.)
587	8	20 34 40.93	3.562	25 13 33.1	12.531	IV.
588	6	20 34 41.14	3.513	22 59 15.8	12.531	V.
589	9	20 34 43.30	3.597	26 47 9.4	12.534	(404.)
590	8	20 34 50.64	3.535	24 0 19.4	12.543	VI. Ll.
591	8	20 34 55.16	3.587	26 21 44.4	12.548	(404.)
592	9	20 35 50.57	3.493	22 8 33.2	12.611	(400.)
593	8	20 35 51.76	3.520	23 23 34.5	12.612	(399.)

I. (399) +0.14 -4.9; (400) +0.08 -1.4; (415) -0.21 +6.4. **II.** (399) +0.08 -2.9; (400) -0.02 -1.4; (415) -0.05 +4.4. **III.** (401) +0.05 +3.2; (402) -0.01 -1.7; (403) -0.05 -1.6. **IV.** (401) +0.07 +0.9; (402) -0.06 -1.0. **V.** (399) +0.08 -2.3; (400) -0.05 -2.7; (415) -0.02 +5.0. **VI.** (401) -0.06 -0.6; (403) +0.06 +0.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
594	10	20 35 59.45	+ 3.595	- 26 46 59.2	+ 12.620	(404.)
595	9	20 36 8.98	3.478	21 25 48.0	12.632	(408.)
596	8. 9	20 36 13.36	3.539	24 17 46.7	12.636	I.
597	9	20 36 29.18	3.541	24 24 51.7	12.655	II.
598	7. 8	20 36 33.71	3.495	21 41 34.3	12.660	(398.)
599	10	20 37 3.20	3.476	21 23 40.6	12.693	(408.)
600	10	20 37 3.51	3.520	23 28 28.4	12.694	(399.)
601	10	20 37 23.40	3.591	26 43 4.3	12.716	(404.)
602	9	20 37 23.82	3.538	24 20 22.9	12.717	III.
603	8	20 37 28.02	3.536	24 16 0.9	12.722	IV.
604	4	20 37 27.91	3.489	22 3 22.3	12.722	(400.)
605	6. 7	20 37 46.16	3.502	22 42 15.9	12.741	V.
606	7. 8	20 38 22.77	3.595	26 57 37.1	12.782	(404.)
607	9	20 38 30.94	3.497	22 29 24.6	12.791	VI.
608	8	20 39 1.66	3.528	24 1 14.0	12.826	(401.)
609	9	20 39 22.01	3.528	23 59 53.4	12.848	(401.)
610	10	20 39 31.03	3.531	24 10 34.8	12.858	(402.)
611	8	20 39 45.07	3.497	22 37 33.7	12.874	(399.)
612	8	20 39 55.16	3.471	21 20 0.3	12.886	(398.)
613	10	20 40 15.71	3.467	21 10 28.1	12.908	(398.)
614	10	20 40 25.27	3.486	22 10 53.0	12.918	(415.)
615	10	20 40 26.37	3.539	24 36 29.7	12.919	(401.)
616	8	20 40 34.01	3.465	21 10 34.0	12.928	(398.)
617	9	20 40 57.85	3.554	25 22 27.6	12.955	(402.)
618	8	20 41 8.28	3.492	22 26 47.0	12.966	VII.
619	10	20 41 8.66	3.466	21 9 20.7	12.967	(408.)

I. (401) -0.17 +1.2; (402) +0.17 +0.3; (403) -0.01 -1.6. **II.** (401) -0.02 -1.7; (402) +0.30 +2.3; (403) -0.27 -0.6. **III.** (401) +0.08 +1.1; (402) -0.07 -1.1. **IV.** (401) -0.41 -2.1; (402) +0.54 +1.0; (403) -0.13 +1.1. **V.** (399) 0.00 -4.7; (415) +0.01 +4.7. **VI.** (399) +0.07 -2.3; (400) -0.05 -4.8; (415) -0.01 +7.1. **VII.** (399) +0.07 -3.2; (415) -0.07 +3.2.

-21°　　　　　　　　　　　　　　　　　　-27°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
620	6. 7	20 41 39.14	+ 3.513	- 23 31 56.0	+ 13.000	I.
621	5. 6	20 42 13.68	3.479	21 51 54.0	13.040	II. Ll.
622	7	20 42 17.87	3.569	26 8 20.8	13.045	(404.)
623	8	20 42 45.96	3.490	22 28 44.0	13.075	III.
624	9	20 43 29.07	3.535	24 42 59.3	13.122	(401.)
625	8	20 43 42.07	3.474	21 47 20.7	13.137	(415.) Ll.
626	7. 8	20 44 0.74	3.536	24 46 26.8	13.158	(401.)
627	5	29 44 12.88	3.527	24 20 32.7	13.171	(402.) Ll.
628	8	20 44 41.27	3.487	22 30 17.1	13.202	IV.
629	7. 8	20 44 54.73	3.497	22 59 23.7	13.217	(399.)
630	7	20 45 0.49	3.580	26 52 46.2	13.223	(404.)
631	7	20 45 12.25	3.536	24 50 37.7	13.236	V.
632	8	20 45 31.24	3.564	26 8 20.4	13.257	(404.)
633	10	20 45 37.53	3.495	22 57 5.4	13.264	(399.)
634	9	20 45 44.74	3.476	22 1 38.1	13.272	(400.)
635	8	20 45 57.32	3.583	22 24 11.8	13.285	(400.)
636	9	20 46 4.84	3.465	21 30 49.1	13.294	(408.) Ll.
637	10	20 46 5.99	3.493	22 52 51.9	13.295	(399.)
638	9	20 46 27.27	3.573	26 40 47.8	13.318	(404.)
639	8	20 46 30.45	3.532	24 48 9.8	13.321	VI.
640	8. 9	20 46 37.14	3.488	22 41 23.8	13.328	VII.
641	10	20 47 17.56	3.551	25 45 50.5	13.373	(402.)
642	9	20 47 27.96	3.486	22 39 54.7	13.383	(400.)
643	6. 7	20 47 51.91	3.575	26 51 54.0	13.410	(404.)
644	7	20 48 11.77	3.483	22 34 37.3	13.432	VIII.
645	9	20 48 15.45	3.528	24 46 4.2	13.435	(401.)

I. (401) 0.00 -0.1; (402) 0.00 0.0. **II.** (399) 0.00 -0.7; (400) 0.00 +0.7. **III.** (399) -0.07 +0.8; (400) +0.08 -0.8. **IV.** (399) -0.14 +2.8; (400) +0.15 -2.8. **V.** (401) +0.02 +1.4; (402) -0.01 -1.5. **VI.** (401) +0.03 +0.9; (402) -0.02 -1.0. **VII.** (400) +0.04 -6.1; (415) -0.03 +6.0. **VIII.** (399) +0.03 -2.9; (400) -0.07 -2.6; (415) +0.05 +5.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
646	10	20 48 52.73	+ 3.570	-26 48 47.0	- 13.476	(404.)
647	8. 9	20 49 7.13	3.473	22 7 40.1	13.491	I. Ll.
648	8. 9	20 49 52.73	3.564	26 35 0.2	13.541	(404.)
649	8. 9	20 50 12.84	3.550	25 56 55.6	13.563	(404.)
650	9	20 50 48.00	3.448	21 1 17.5	13.600	(408.) Ll.
651	9. 10	20 51 17.97	3.492	23 16 53.5	13.632	(415.)
652	8	20 51 18.22	3.470	22 11 15.8	13.632	II. Ll.
653	10	20 51 22.94	3.493	23 19 43.9	13.637	(415.)
654	10	20 51 37.15	3.501	23 49 28.0	13.652	(402.)
655	8. 9	20 52 33.12	3.493	23 27 32.7	13.712	(415.) Ll.
656	9	20 52 36.91	3.465	22 1 48.9	13.716	III.
657	8	20 52 57.76	3.511	24 22 58.0	13.738	(402.)
658	8	20 53 39.80	3.461	21 55 4.9	13.784	IV.
659	10	20 53 42.27	3.527	25 12 36.6	13.786	(402.)
660	8	20 54 22.44	3.472	22 33 16.8	13.828	V. Ll.
661	7	20 54 46.08	3.464	22 8 34.9	13.853	VI.
662	7	20 55 2.14	3.519	24 54 44.7	13.870	(402.) Ll.
663	10	20 56 11.80	3.503	24 12 42.1	13.943	(402.)
664	9	20 56 12.01	3.480	23 5 45.1	13.943	(399.)
665	10	20 56 23.13	3.465	22 20 57.2	13.955	(400.)
666	9	20 56 36.09	3.454	21 46 54.7	13.968	(415.) Ll.
667	9	20 57 7.94	3.448	21 32 55.9	14.002	(400.) Ll.
668	8. 9	20 57 59.86	3.467	22 36 18.9	14.057	(400.)
669	7. 8	20 58 6.16	3.520	25 14 59.4	14.063	(402.)
670	7	20 58 9.30	3.491	23 48 47.9	14.066	VII. Ll.
671	7	20 58 20.82	3.490	23 44 50.8	14.079	VIII. Ll.
672	10	20 58 31.28	3.446	21 29 24.2	14.089	(408.)

I. (399) -0.08 +0.4; (400) +0.06 -5.3; (415) +0.03 +4.8. **II.** (399) +0.06 -1.1; (400) -0.05 +1.1. **III.** (399) -0.02 +0.4; (400) +0.02 -0.4. **IV.** (399) -0.02 +0.4; (400) +0.02 -0.4. **V.** (400) -0.10 -5.2; (415) +0.10 +5.1. **VI.** (399) +0.06 +0.8; (400) -0.06 -0.8. **VII.** (399) -0.23 -4.2; (402) +0.68 -3.3; (415) -0.44 +7.4. **VIII.** (399) -0.03 -4.9; (415) +0.03 +4.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
673	7	20 59 16.83	+ 3.472	− 22 56 1.6	+ 14.136	I.
674	10	20 59 36.28	3.445	21 36 40.7	14.156	(408.)
675	6	20 59 57.37	3.449	21 47 23.9	14.178	(408.) Ll. R.
676	9	20 59 59.08	3.458	22 16 57.0	14.180	(415.)
677	6. 7	21 0 29.83	3.496	24 13 52.8	14.212	(402.) Ll.
678	9. 10	21 0 58.96	3.443	21 38 57.9	14.242	(408.)
679	8. 9	21 1 7.14	3.545	26 45 55.1	14.250	(404.)
680	7	21 1 7.19	3.509	25 0 28.9	14.250	(402.)
681	7. 8	21 1 20.09	3.472	23 7 50.7	14.263	II. Ll.
682	7	21 1 51.52	3.470	23 5 2.8	14.296	III. Ll.
683	7. 8	21 2 16.76	3.516	25 25 56.6	14.321	(402.)
684	8. 9	21 2 53.88	3.481	23 43 17.4	14.359	IV. R.
685	10	21 2 55.21	3.499	24 39 59.5	14.360	(402.)
686	7. 8	21 3 19.35	3.499	24 43 58.0	14.374	(402.) Ll.
687	9	21 4 2.39	3.438	21 37 23.3	14.428	(408.) Ll.
688	7	21 4 46.18	3.470	23 22 27.5	14.472	V. Ll.
689	9. 10	21 4 52.84	3.517	25 47 35.2	14.480	(404.)
690	7	21 5 24.07	3.459	22 49 32.2	14.511	(415.) Ll.
691	9	21 5 32.69	3.517	25 54 34.6	14.520	(404.)
692	7	21 5 52.68	3.471	23 29 42.7	14.540	VI.
693	8	21 6 34.18	3.462	23 8 40.1	14.581	(399.)
694	6	21 7 5.24	3.427	21 16 14.8	14.612	(408.) Ll. R.
695	8	21 7 5.93	3.469	23 29 25.5	14.613	(400.)
696	9	21 7 22.89	3.474	23 47 37.9	14.630	(402.)
697	8. 9	21 7 35.67	3.454	22 48 8.4	14.643	(399.)
698	7	21 8 3.66	3.465	23 25 57.9	14.671	(400.)
699	9. 10	21 8 16.30	3.486	24 31 53.7	14.683	(402.)
700	8. 9	21 8 50.04	3.450	22 41 57.2	14.717	VII.

I. (400) +0.02 -4.7; (415) -0.02. +4.6. II. (400) -0.16 -2.7; (415) +0.17 +2.7. III. (400) +0.11 -3.2; (415) -0.10 +3.2. IV. (399) 0.00 +0.1; (400) -0.14 -0.2; (415) +0.14 [+15.3] V. (400) +0.03 -6.4; (415) -0.02 +6.4. VI. (399) +0.03 +0.9; (400) -0.03 -0.9. VII. (399) +0.02 -7.2; (400) +0.06 -1.1; (415) -0.07 +8.4.

Nummer	Grösse	AR 1850			Präcession 1850	Declination 1850			Präcession 1850	Bemerkungen
		h	′	″	″	°	′	″	″	
701	9	21	8	52.30	+ 3.487	-24	39	16.7	+ 14.719	(402.)
702	9	21	9	0.75	3.441	22	13	24.6	14.728	I.
703	10	21	9	6.22	3.435	21	52	46.2	14.733	(408.)
704	9. 10	21	9	25.20	3.449	22	40	18.0	14.751	(400.)
705	9	21	9	50.09	3.504	25	39	9.8	14.776	(402.)
706	7	21	10	17.02	3.447	22	39	51.9	14.793	(400.) R.
707	8	21	10	32.25	3.433	21	54	21.6	14.817	II.
708	9	21	10	33.15	3.433	21	55	1.6	14.818	III.
709	7. 8	21	10	51.62	3.478	24	23	56.1	14.837	(402.) Ll.
710	8	21	11	0.68	4.444	22	33	41.1	14.846	(400.)
711	7	21	12	6.03	3.450	23	1	8.2	14.910	IV. Ll.
712	10	21	12	40.12	3.467	24	1	41.5	14.943	(402.)
713	10	21	13	36.29	3.466	24	3	38.7	14.997	(402.)
714	9	21	13	40.32	3.453	23	20	11.4	15.001	V.
715	8. 9	21	14	17.54	3.467	24	6	31.1	15.037	(402.)
716	4. 5	21	14	24.13	3.452	23	18	21.7	15.043	VI. Ll.
717	8	21	15	31.25	3.504	26	12	3.9	15.107	(404.)
718	6. 7	21	15	32.31	3.451	23	23	10.8	15.108	VII. Ll.
719	7	21	15	45.29	3.460	23	55	57.3	15.121	(402.) Ll.
720	9	21	16	26.90	3.514	26	44	54.8	15.160	(404.)
721	9. 10	21	16	31.36	3.407	21	5	47.6	15.164	(408.)
722	7. 8	21	16	42.40	3.463	24	13	8.9	15.175	(402.) Ll.
723	7. 8	21	17	5.69	3.494	25	52	58.9	15.198	(404.)
724	8	21	17	9.07	3.428	22	18	22.2	15 201	VIII.
725	8. 9	21	17	28.63	3.477	25	1	21.2	15.220	(402.) Ll.
726	8. 9	21	17	40.66	3.427	22	17	5.2	15.231	(400.)

I. (399) +0.22 -4.3; (415) -0.22 +4.3. II. (399) +0.07 -6.8; (415) -0.07 +6.8. III. (399) +0.28 -3.8; (415) -0.27 +3.8. IV. (399) +0.06 -2.3; (400) -0.14 -3.2; (415) +0.09 +5.4. V. (399) +0.08 -4.2; (400) -0.03 -0.2; (415) -0.06 +4.5. VI. (399) +0.17 -1.6; (400) -0.07 -4.6; (415) -0.11 +6.1. VII. (400) -0.12 -3.9; (415) +0.13 +3.8. VIII. (400) +0.02 -4.3; (415) -0.01 +4.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
727	8. 9	21h 17′ 41″.49	+ 3″.430	- 22° 28′ 24″.0	+ 15″.231	(415.)
728	7. 8	21 17 51.31	3.415	21 38 30.4	15.240	(416.) Ll.
729	2	21 18 5.82	3.440	23 3 33.0	15.255	(399.) Ll R.
730	7	21 18 44.37	3.417	21 50 25.4	15.291	(416.) Ll.
731	7	21 18 47.81	3.462	24 15 53.1	15.295	(402.) Ll.
732	8	21 19 39.73	3.424	22 21 52.5	15.344	I. Ll. R.
733	8. 9	21 19 51.60	3.458	24 16 13.0	15.355	(402.)
734	8	21 19 58.68	3.495	26 17 42.5	15.362	(404.)
735	4	21 20 9.86	3.426	22 27 29.7	15.372	II. Ll. R.
736	7. 8	21 21 45.80	3.483	25 50 50.7	15.461	III. Ll.
737	7. 8	21 22 58.96	3.484	25 57 33.2	15.492	(404.)
738	7	21 23 0.34	3.423	22 40 1.9	15.530	IV. Ll.
739	7. 8	21 23 10.40	3.484	26 4 14.6	15.539	(404.)
740	10	21 23 40.33	3.440	23 42 57.6	15.566	(415.)
741	7	21 23 54.26	3.467	25 14 58.6	15.579	(402.) Ll.
742	7	21 23 55.71	3.409	21 56 19.0	15.581	(399.)
743	9. 10	21 23 57.99	3.404	21 36 34.4	15.582	(416.) Ll.
744	8	21 24 0.26	3.459	24 48 34.4	15.585	(402.)
745	10	21 24 6.57	3.482	26 4 31.6	15.591	(404.)
746	8	21 24 7.79	3.418	22 26 14.6	15.591	V. Ll.
747	9. 10	21 24 7.81	3.394	21 2 33.3	15.591	(408.)
748	9. 10	21 24 44.33	3.397	21 20 7.6	15.624	(416.) Ll.
749	9. 10	21 25 4.42	3.477	25 54 1.4	15.643	(404.)
750	9. 10	21 25 6.23	3.414	22 19 23.9	15.645	VI.
751	10	21 25 28.86	3.408	21 56 58.2	15.665	(415.)
752	9	21 25 50.97	3.469	25 36 54.7	15.687	(402.)
753	10	21 26 17.80	3.407	22 1 11.4	15.710	(400.)

I. (399) +0.05 -4.2; (400) -0.02 -3.2; (415) -0.02 +7.5. **II.** (399) +0.01 -3.6; (400) -0.07 -5.6; (415) +0.07 +9.1. **III.** (402) -0.15 +1.4; (404) +0.16 -1.5. **IV.** (399) +0.03 -4.6; (400) -0.06 -4.6; (415) +0.03 +9.1. **V.** (399) +0.06 0.0; (400) -0.05 -0.1. **VI.** (400) +0.13 -7.9; (415) -0.13 +7.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
754	9. 10	21 26 25.10	+ 3.391	-21 6 25.0	+ 15.717	(416.) Ll.
755	9	21 26 37.96	3.474	25 59 8.3	15.729	(404.)
756	6	21 26 40.72	3.441	24 7 11.7	15.732	(402.) Ll.
757	8. 9	21 26 42.42	3.417	22 43 34.5	15.733	(399.)
758	7. 8	21 26 48.90	3.435	23 47 1.0	15.738	I.
759	10	21 27 41.21	3.388	21 5 42.2	15.786	(408.)
760	10	21 27 51.40	3.481	26 30 4.3	15.795	(404.)
761	10	21 28 5.52	3.419	22 57 52.4	15.808	(415.)
762	8	21 28 12.09	3.411	22 29 53.7	15.814	(399.)
763	6. 7	21 28 14.49	3.422	23 10 14.3	15.815	(400.) Ll.
764	7. 8	21 28 58.20	3.454	25 7 20.8	15.854	(402.)
765	8	21 29 7.55	3.443	24 21 59.8	15.863	(402.)
766	8. 9	21 29 25.32	3.430	23 44 12.9	15.879	II.
767	8	21 29 32.18	3.469	26 7 2.6	15.886	(404.)
768	7	21 30 21.96	3.452	25 7 20.6	15.930	(402.) Ll.
769	7	21 30 39.40	3.405	22 23 14.2	15.944	III.
770	8	21 31 17.42	3.463	25 53 51.8	15.979	(404.) Ll.
771	9	21 31 24.59	3.428	23 52 28.3	15.985	IV.
772	8	21 32 7.43	3.438	24 35 5.5	16.023	(402.)
773	8. 9	21 32 22.65	3.472	26 31 34.1	16.035	(404.)
774	8	21 33 0.81	3.403	22 36 17.2	16.071	(415.)
775	10	21 33 10.58	3.381	21 14 4.5	16.079	(408.)
776	7. 8	21 33 24.15	3.449	25 20 7.3	16.089	(402.)
777	8	21 33 25.85	3.470	26 32 29.2	16.091	(404.)
778	9	21 34 10.34	3.447	25 23 11.7	16.130	(402.)
779	9	21 34 11.14	3.470	26 40 46.8	16.131	(404.)
780	8	21 34 27.63	3.421	23 51 1.2	16.144	(415.) Ll.
781	9. 10	21 34 34.47	3.375	21 5 34.5	16.150	(408.)
782	10	21 34 42.82	3.468	26 41 48.0	16.158	(404.)

I. (400) +0.01 -6.5; (415) -0.01 +6.4. II. (399) 0.00 -4.0; (415) 0.00 +4.0. III. (399) -0.02 -5.4; (415) +0.02 +5.4. IV. (402) -0.07 -7.7; (415) +0.07 +7.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
783	10	21 35 28.31	+ 3.441	- 25 12 11.9	+ 16.196	(402.)
784	6	21 35 57.22	3.447	25 35 38.4	16.222	(402.) Ll.
785	8. 9	21 36 11.42	3.471	26 59 10.2	16.234	(404.)
786	8	21 36 35.71	3.407	23 14 49.4	16.255	(415.) Ll.
787	7	21 37 39.13	3.452	25 30 21.5	16.308	(402.) Ll.
788	10	21 38 16.29	3.402	23 10 13.7	16.340	(415.)
789	10	21 38 21.85	3.455	26 19 23.2	16.346	(404.)
790	10	21 38 44.54	3.370	21 12 40.7	16.365	(408.)
791	10	21 38 58.12	3.421	24 21 49.7	16.375	(402.)
792	9	21 38 58.52	3.454	26 26 9.4	16.377	(404.)
793	10	21 39 24.75	3.383	22 2 19.3	16.399	(415.)
794	9. 10	21 40 13.44	3.457	26 46 28.3	16.438	(404.)
795	9	21 40 15.50	3.393	22 49 11.3	16.440	I.
796	9	21 40 24.09	3.417	24 20 1.3	16.448	(402.)
797	9	21 40 55.57	3.389	22 41 9.8	16.475	II.
798	10	21 41 16.02	3.366	21 12 11.4	16.491	(408.)
799	8	21 41 19.15	3.440	25 50 48.2	16.493	(402.)
800	9	21 41 28.96	3.365	21 10 24.9	16.502	III. Ll. R.
801	9	21 41 31.62	3.456	26 53 32.5	16.504	(404.)
802	9	21 42 27.64	3.364	21 14 15.2	16.550	IV. Ll.
803	9	21 42 57.00	3.381	22 26 57.5	16.575	(399.)
804	9	21 43 25.53	3.374	21 56 28.4	16.598	V.
805	10	21 43 36.16	3.423	25 5 45.1	16.606	(402.)
806	8. 9	21 43 49.44	3.436	26 4 21.7	16.617	(404.)
807	9	21 45 10.78	3.379	22 38 5.0	16.684	(399.)
808	8. 9	21 45 22.15	3.440	26 28 58.5	16.693	(404.)
809	9	21 46 49.41	3.387	23 19 9.9	16.762	(399.)
810	8	21 47 15.90	3.366	21 50 41.8	16.780	(415.)

I. (399) +0.05 -7.5; (415) -0.04 +7.4. II. (399) +0.01 -6.9; (415) 0.00 +6.9.
III. (408) -0.10 -2.3; (416) +0.11 +2.3. IV. (408) -0.32 -2.4; (416) +0.33 +2.3.
V. (399) -0.07 -4.4; (415) +0.08 +4.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
811	7. 8	21 47 56.74	+ 3.429	- 26 12 37.0	+ 16.816	(404.)
812	10	21 48 5.49	3.377	22 48 31.5	16.823	(415.)
813	9	21 48 59.94	3.383	23 23 52.7	16.866	I.
814	9	21 50 11.77	3.425	26 17 5.7	16.922	(404.)
815	5	21 50 21.54	3.359	21 53 45.8	16.930	II. Ll.
816	8	21 50 54.37	3.406	25 11 34.3	16.955	(402.)
817	8	21 52 42.88	3.409	25 43 41.1	17.040	(402.) Ll.
818	9	21 52 43.32	3.375	23 23 1.8	17.040	III.
819	8	21 53 11.24	3.407	25 35 7.7	17.062	(402.) Ll.
820	9	21 53 17.75	3.416	26 10 48.3	17.066	(404.)
821	9. 10	21 53 27.67	3.373	23 14 45.7	17.074	IV.
822	9	21 55 6.48	3.356	22 25 30.3	17.150	(399.)
823	8	21 55 21.98	3.402	25 32 31.2	17.162	(402.) Ll.
824	8	21 55 22.43	3.402	25 36 14.4	17.162	(402.) Ll.
825	6	21 55 48.58	3.356	22 30 21.0	17.182	(399.) Ll.
826	8. 9	21 56 24.68	3.382	24 27 27.0	17.209	(402.) Ll.
827	9. 10	21 57 15.07	3.378	24 15 30.1	17.246	(402.)
828	8	21 57 56.74	3.370	23 49 48.8	17.278	V.
829	6	21 59 30.41	3.346	22 19 29.2	17.346	(399.) Ll. R.
830	7. 8	21 59 38.38	3.359	23 20 42.8	17.352	(399.)
831	7	21 59 50.81	3.374	24 27 56.8	17.362	(402.) Ll.
832	7. 8	22 0 17.13	3.403	26 30 6.4	17.379	(404.)
833	9	22 0 21.82	3.346	22 25 23.8	17.384	(399.)
834	5	22 1 4.71	3.371	24 23 36.9	17.415	(402.) Ll.
835	8. 9	22 1 29.58	3.361	23 45 59.9	17.433	(399.)
836	8	22 2 7.98	3.367	24 17 19.8	17.460	(402.)
837	9. 10	22 2 16.87	3.374	24 45 49.3	17.466	(402.)
838	8	22 2 50.21	3.350	23 12 9.4	17.491	(399.) Ll.

I. (399) -0.09 -5.6; (415) +0.09 +5.5. II. (399) -0.01 -3.0; (415) +0.02 +2.9. III. (399) +0.06 -5.0; (415) -0.06 +5.0. IV. (399) +0.06 -5.0; (415) -0.06 +5.0. V. (399) -0.17 -2.8; (402) +0.18 +2.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
839	7	22 3 2.36	+ 3.347	− 22 56 46.5	+ 17.499	(399.) Ll.
840	9	22 4 28.49	3.335	22 14 33.0	17.539	(399.)
841	8	22 4 30.99	3.327	21 37 29.9	17.562	(416.) Ll. R.
842	8	22 4 35.72	3.333	22 13 21.8	17.565	(399.)
843	9	22 4 50.74	3.332	22 8 15.4	17.576	(415.) R.
844	6	22 5 17.80	3.382	25 55 25.1	17.595	(404.)
845	8. 9	22 5 31.41	3.361	24 25 6.8	17.604	(402.)
846	7	22 5 48.44	3.330	22 9 9.7	17.615	I. Ll.
847	8	22 6 0.63	3.326	21 49 0.8	17.625	(415.) Ll. R.
848	9	22 7 23.41	3.326	22 1 10.3	17.681	(451.) Ll.
849	10	22 7 37.48	3.379	26 7 20.3	17.691	(404.)
850	5	22 8 11.40	3.384	26 38 38.5	17.715	(404.)
851	10	22 8 35.20	3.364	25 15 51.5	17.730	(402.)
852	7	22 8 38.77	3.347	23 52 54.9	17.732	(415.) Ll.
853	8. 9	22 9 9.19	3.353	24 27 35.9	17.753	(402.)
854	9	22 9 11.31	3.346	23 51 34.7	17.756	(415.) Ll.
855	9	22 9 43.46	3.310	21 14 19.1	17.777	(416.)
856	7	22 10 8.36	3.346	24 4 43.3	17.794	(402.) Ll.
857	9	22 10 17.46	3.320	21 14 29.0	17.800	(416.)
858	9. 10	22 10 39.79	3.337	23 32 34.3	17.816	(415.)
859	8	22 11 7.06	3.353	24 33 13.7	17.833	(402.) Ll.
860	8	22 11 43.42	3.325	22 45 59.3	17.858	(415.) Ll. R.
861	8	22 12 24.62	3.362	25 52 4.8	17.885	(404.)
862	10	22 12 33.12	3.331	23 27 48.4	17.890	(415.)
863	10	22 12 51.65	3.363	25 53 4.1	17.902	(404.)
864	6	22 13 19.89	3.318	22 20 48.1	17.921	(415.) Ll.
865	7. 8	22 13 32.52	3.364	26 7 16.0	17.929	(404.)
866	8	22 14 20.30	3.354	25 26 56.8	17.960	(402.)
867	7. 8	22 14 47.57	3.367	26 35 42.6	17.978	(404.)

I. (399) −0.09 −6.5; (415) +0.09 +6.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
868	5	22 15 8.86	+ 3.353	-25 31 15.4	+ 17.991	(402.) Ll.
869	9	22 15 17.59	3.298	21 4 0.5	17.997	(416.) Ll.
870	8	22 16 0.79	3.311	22 21 12.9	18.026	(415.) Ll.
871	7	22 16 15.94	3.333	24 7 36.7	18.035	(402.) Ll.
872	10	22 17 23.23	3.308	22 21 23.8	18.078	(415.)
873	10	22 17 51.28	3.318	23 22 40.7	18.096	(415.)
874	5. 6	22 17 52.48	3.332	24 26 40.2	18.096	(402.)
875	9	22 19 0.56	3.332	24 38 22.9	18.140	(402.)
876	10	22 19 10.27	3.315	23 17 33.7	18.145	(415.)
877	8	22 20 33.52	3.307	22 49 59.6	18.196	(415.) Ll.
878	8. 9	22 20 54.73	3.287	21 10 18.7	18.209	(416.) Ll.
879	10	22 23 20.32	3.308	23 26 22.4	18.296	(415.)
880	9	22 26 8.31	3.300	23 22 25.7	18.395	(415.) Ll.
881	9	22 27 44.18	3.279	21 42 23.2	18.450	(416.) Ll.
882	8. 9	22 28 37.01	3.278	21 51 52.7	18.481	I. Ll.
883	9	22 29 20.96	3.270	21 9 2.9	18.506	(416.) Ll.
884	8. 9	22 32 18.01	3.298	24 29 9.7	18.604	(402.)
885	7	22 32 51.18	3.294	24 18 6.9	18.622	(402.) Ll.
886	8	22 35 14.95	3.298	25 9 57.1	18.699	(402.)
887	8. 9	22 36 13.69	3.269	24 33 6.1	18.730	(402.) Ll.
888	8	22 36 51.51	3.279	23 46 18.9	18.750	(402.)
889	9	22 36 57.75	3.280	23 53 21.7	18.754	(402.)
890	9	22 39 27.73	3.275	23 57 49.3	18.830	(402.)
891	7. 8	22 40 49.31	3.288	25 42 46.7	18.869	(402.) Ll.
892	7	22 41 8.59	3.271	23 53 3.5	18.879	(402.) Ll.
893	6. 7	22 43 8.90	3.272	24 33 39.8	18.937	(402.) Ll.
894	9	22 43 48.49	3.272	24 49 19.1	18.955	(402.)
895	7	22 45 15.02	3.268	24 43 30.1	18.997	(402.)
896	7	22 46 9.11	3.275	25 46 48.0	19.022	(402.) Ll.
897	8	22 46 42.61	3.256	23 54 29.4	19.038	(402.)

I. (415) -0.17 -1.6; (416) +0.18 +1.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
898	7. 8	22 47 2.65	+ 3.264	− 24 47 7.5	+ 19.047	(402.)
899	9. 10	22 48 6.49	3.260	24 39 0.3	19.076	(402.)
900	8	22 49 12.18	3.257	24 38 25.2	19.105	(402.)
901	7. 8	22 50 30.07	3.261	24 29 55.8	19.139	(402.)
902	8	22 50 41.20	3.249	24 15 5.4	19.143	(402.) Ll.
903	9	22 50 42.42	3.249	24 13 57.3	19.144	(402.)
904	8. 9	22 52 48.17	3.254	25 27 57.7	19.197	(402.)

V. Stern-Verzeichniss

Declination von -27° 0′ bis -33° 0′.

-27° -33°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850.	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
1	5	0 1 41.80	+ 3.076	- 28 49 23.3	+ 20.055	(413.) Ll.
2	5	0 3 56.90	3.083	28 38 9.2	20.052	(413.)
3	9	0 4 34.86	3.084	28 37 12.9	20.051	(413.)
4	9	0 5 32.74	3.088	28 38 52.5	20.049	(413.)
5	8	0 6 44.23	3.092	28 21 34.7	20.046	(413.)
6	9. 10	0 10 54.37	3.105	28 46 12.7	20.033	(413.)
7	9	0 10 57.39	3.106	28 47 8.9	20.032	(413.)
8	5	0 13 58.25	3.117	29 48 40.1	+ 20.017	(413.)
9	9	17 54 0.81	3.837	29 51 19.3	- 0.523	(405.)
10	8	17 55 26.67	3.829	29 34 44.7	0.398	(405.) Ll.
11	9	17 56 7.56	3.820	29 16 40.9	0.338	(405.)
12	9. 10	17 56 29.54	3.826	29 26 4.3	0.306	(405.)
13	9	17 57 16.05	3.813	29 2 36.1	0.239	(405.)
14	9	17 57 22.78	3.814	29 4 51.7	0.229	(405.)
15	9	17 58 5.77	3.826	29 27 2.3	0.165	(405.)
16	9	17 58 18.71	3.834	29 44 20.7	0.147	(405.)
17	7	17 58 35.47	3.795	28 28 2.9	0.124	(405.) Ll. R.
18	9	17 59 21.31	3.804	28 46 4.5	- 0.057	(405.)
19	9	18 0 45.29	3.818	29 13 55.5	+ 0.065	(405.)
20	9	18 1 4.08	3.786	28 10 21.8	0.093	(405.)
21	10	18 1 28.75	3.784	28 5 33.7	0.129	(405.)
22	8	18 2 17.18	3.783	28 3 20.0	0.199	(405.)
23	9	18 3 2.29	3.789	28 15 41.1	0.265	(405.)
24	9	18 3 9.48	3.789	28 15 48.2	0.275	(405.) Ll.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
25	8	18 3 55.37	+ 3.758	−27 13 47.1	+ 0.344	(404.)
26	9	18 5 2.08	3.808	28 52 19.4	0.440	(405.)
27	8. 9	18 5 43.40	3.800	28 38 59.8	0.499	(405.) Ll.
28	9	18 6 47.89	3.810	28 58 22.6	0.595	(405.)
29	7. 8	18 6 58.36	3.765	27 27 15.2	0.610	(404.)
30	7	18 7 31.54	3.773	27 45 18.5	0.657	(404.)
31	8	18 8 8.39	3.781	28 — —	0.711	(404.)
32	6	18 8 40.00	3.754	27 5 28.6	0.758	(404.)
33	9	18 10 7.63	3.831	29 40 21.1	0.887	(405.)
34	8	18 10 18.03	3.767	27 33 32.6	0.901	(404.)
35	9	18 10 52.93	3.814	29 7 22.3	0.951	(405.)
36	7. 8	18 10 56.24	3.764	27 27 47.5	0.956	(404.)
37	9. 10	18 13 45.59	3.794	28 28 35.9	1.203	(405.)
38	8	18 14 0.84	3.767	27 34 14.2	1.224	(404.)
39	9	18 14 39.63	3.815	29 9 28.4	1.282	(405.)
40	9	18 14 54.72	3.836	29 50 56.1	1.303	(405.)
41	9	18 16 20.21	3.765	27 31 5.3	1.429	(404.)
42	9	18 16 35.39	3.762	27 24 35.9	1.451	(404.)
43	8. 9	18 18 14.61	3.837	29 53 58.4	1.595	(405.)
44	10	18 19 35.84	3.891	31 38 49.2	1.713	(406.)
45	8. 9	18 19 38.83	3.819	29 20 39.5	1.717	(405.) Ll.
46	8. 9	18 22 41.80	3.817	29 17 21.4	1.984	(405.)
47	8	18 23 52.39	3.758	27 19 15.0	2.085	(404.)
48	9	18 24 44.56	3.790	28 27 10.7	2.161	(405.)
49	8	18 26 9.94	3.760	27 27 14.9	2.285	(404.)
50	8	18 26 42.57	3.831	29 48 38.0	2.332	(405.)
51	8	18 27 34.51	3.794	28 37 25.1	2.408	(405.) Ll.
52	9	18 27 44.34	3.823	29 35 22.1	2.421	(405.)
53	10	18 28 53.25	3.867	30 59 14.4	2.521	(406.)
54	8	18 29 6.53	3.841	30 9 1.2	2.540	(406.)
55	9	18 29 14.48	3.829	29 46 26.0	2.552	(405.)

-27° -33°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
56	10	18 29 45.59	+ 3.793	− 28 38 13.9	+ 2.598	(405.)
57	10	18 30 56.55	3.835	30 0 41.9	2.700	(406.)
58	8. 9	18 31 9.94	3.765	27 40 21.8	2.719	(404.)
59	8. 9	18 31 47.83	3.785	28 23 9.7	2.774	(405.) Ll.
60	9	18 32 15.18	3.885	31 36 41.6	2.813	(406.)
61	8. 9	18 32 23.61	3.762	27 34 45.5	2.825	(404.)
62	8. 9	18 32 23.85	3.749	27 8 25.4	2.826	(404.)
63	10	18 33 33.39	3.889	31 46 25.9	2.925	(406.)
64	9	18 34 49.22	3.819	29 34 10.8	3.034	(405.)
65	9. 10	18 34 54.76	3.759	27 31 49.4	3.043	(404.)
66	9	18 34 56.51	3.881	31 32 35.8	3.046	(406.)
67	5	18 36 17.26	3.747	27 8 19.8	3.162	(404.)
68	9	18 36 25.39	3.805	29 6 29.3	3.173	(405.)
69	7	18 36 39.85	3.762	27 39 1.7	3.194	(404.)
70	10	18 37 16.49	3.885	31 41 16.6	3.246	(406.)
71	9	18 37 28.72	3.892	31 53 33.0	3.265	(406.)
72	10	18 37 33.39	3.809	29 15 41.6	3.270	(405.)
73	8. 9	18 38 34.21	3.847	30 30 49.8	3.359	(406.)
74	9	18 39 44.96	3.850	30 37 53.4	3.460	(406.)
75	10	18 39 55.08	3.784	28 26 45.5	3.475	(405.)
76	10	18 40 18.93	3.836	30 10 11.9	3.509	(406.)
77	9	18 40 53.61	3.793	28 46 22.4	3.560	(405.)
78	10	18 41 43.28	3.816	29 35 12.8	3.629	(405.)
79	9	18 42 18.19	3.864	31 7 41.7	3.679	(406.)
80	7. 8	18 43 5.38	3.815	29 32 59.3	3.748	(405.) Ll.
81	9	18 43 43.53	3.766	27 55 49.8	3.804	(405.) Ll.
82	9	18 45 0.10	3.868	31 18 31.2	3.913	(406.)
83	9. 10	18 45 2.00	3.768	28 0 42.9	3.916	(405.)
84	10	18 45 52.53	3.788	28 43 43.9	3.989	(405.)
85	8	18 46 45.32	3.837	30 21 57.4	4.063	(406.)
86	10	18 47 7.49	3.799	29 6 37.7	4.095	(405.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
87	8	18 48 43.35	+ 3.863	- 31 13 35.9	+ 4.231	(406.)
88	9	18 49 57.69	3.746	27 22 27.3	4.339	(404.)
89	9	18 51 9.65	3.759	27 50 50.7	4.440	(404.)
90	7	18 53 3.87	3.824	30 5 20.5	4.603	(406.) Ll. R.
91	9. 10	18 55 12.35	3.792	29 4 37.0	4.784	(405.)
92	10	18 55 41.11	3.753	27 44 10.7	4.824	(404.)
93	8	18 56 17.81	3.798	29 17 59.4	4.877	(405.)
94	9. 10	18 56 28.33	3.878	31 54 54.8	4.891	(406.)
95	8	18 56 58.40	3.746	27 30 29.8	4.934	(404.)
96	10	18 57 21.85	3.824	30 10 30.8	4.969	(406.)
97	9. 10	18 57 37.50	3.799	29 23 1.5	4.991	(405.)
98	9. 10	18 57 39.60	3.823	30 10 9.6	4.994	(406.)
99	10	18 58 22.71	3.796	29 16 15.6	5.054	(405.)
100	9	18 58 54.49	3.853	31 12 1.9	5.099	(406.)
101	8. 9	18 59 28.46	3.786	28 58 9.6	5.145	I. Ll.
102	9	18 59 32.52	3.842	30 51 25.3	5.152	(406.)
103	8	19 0 54.37	3.823	30 14 26.7	5.267	(406.)
104	9. 10	19 1 45.86	3.776	28 41 21.4	5.339	(405.)
105	9	19 2 12.64	3.733	27 18 57.8	5.378	(404.)
106	9	19 2 57.47	3.755	28 23 8.5	5.440	II.
107	9	19 3 36.94	3.809	29 53 0.1	5.496	III.
108	8	19 4 38.16	3.730	27 17 16.1	5.561	(404.)
109	9	19 4 57.05	3.797	29 31 28.9	5.608	(411.)
110	8	19 5 4.90	3.814	30 4 56.6	5.619	(406.)
111	8	19 5 11.10	3.796	29 29 34.2	5.627	IV.
112	8. 9	19 5 19.46	3.740	27 34 16.2	5.639	(404.)
113	8	19 6 50.19	3.831	30 42 58.2	5.766	(406.)
114	8	19 7 22.83	3.778	28 55 32.9	5.811	V. Ll.

I. (405) +0.13 +4.6; (411) -0.12 -4.6. **II.** (405) +0.08 +3.3; (411) -0.07 -3.3. **III.** (405) +0.15 +8.7; (411) -0.14 -8.8. **IV.** (405) +0.33 +3.1; (411) -0.33 -3.1. **V.** (405) +0.10 +3.9; (411) -0.09 -3.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
115	10	19 9 9.00	+ 3.751	- 28 4 22.3	+ 5.960	(405.)
116	8	19 9 28.41	3.763	28 29 49.5	5.986	(411.)
117	8	19 10 0.12	3.786	29 17 23.2	6.031	(411.)
118	10	19 10 5.63	3.771	28 49 14.0	6.039	(405.)
119	8	19 10 20.92	3.836	30 57 54.2	6.059	(406.)
120	9	19 11 14.44	3.755	28 16 16.9	6.134	I.
121	9	19 11 27.15	3.849	31 28 42.2	6.151	(406.)
122	7	19 12 8.32	3.802	29 52 52.5	6.208	(411.)
123	7	19 12 33.51	3.798	29 48 1.1	6.244	(411.)
124	8	19 13 29.74	3.784	29 20 32.6	6.321	II. Ll.
125	9	19 14 9.76	3.746	28 3 27.5	6.377	(411.)
126	9	19 14 14.89	3.772	28 57 5.2	6.384	III.
127	9	19 14 22.40	3.772	28 57 41.1	6.393	(411.)
128	9	19 15 8.29	3.769	28 54 0.7	6.457	IV.
129	7	19 15 36.72	3.788	29 35 39.2	6.497	(411.)
130	9	19 16 18.10	3.811	30 23 45.0	6.554	(406.)
131	9. 10	19 16 25.68	3.738	27 50 24.7	6.564	(411.)
132	7. 8	19 17 27.33	3.799	30 1 57.0	6.649	(406.)
133	9	19 17 40.03	3.786	29 35 59.5	6.667	V.
134	8. 9	19 18 23.95	3.792	29 47 38.0	6.728	VI.
135	9	19 18 54.96	3.788	29 41 5.2	6.770	VII.
136	8	19 19 28.44	3.775	29 16 10.6	6.815	VIII.
137	9	19 19 55.71	3.796	30 0 32.9	6.853	(406.)
138	8	19 20 7.87	3.827	31 5 18.5	6.869	(406.)
139	10	19 20 45.53	3.734	27 52 29.4	6.922	(411.)
140	9. 10	19 21 24.05	3.785	29 41 14.0	6.973	(405.)
141	9	19 21 50.03	3.736	28 0 41.5	7.009	(411.)

I. (405) +0.26 +3.7; (411) -0.25 -3.7. **II.** (405) +0.21 +8.8; (411) -0.20 -8.9.
III. (405) +0.33 +2.8; (411) -0.32 -2.8. **IV.** (405) +0.13 +1.2; (411) -0.12 -1.3.
V. (405) +0.21 +1.4; (411) -0.21 -1.5. **VI.** (405) +0.20 +1.9; (411) -0.19 -2.0.
VII. (405) +0.31 +0.9; (411) -0.31 -0.9. **VIII.** (405) +0.25 +1.8; (411) -0.24 -1.8.

-27° -33°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
142	9	19 22 41.89	+ 3.833	- 31 23 10.7	+ 7.081	(406.)
143	8	19 22 41.89	3.749	28 31 19.5	7.081	(405.) Ll.
144	8. 9	19 22 53.60	3.737	28 3 39.1	7.096	(411.)
145	7. 8	19 23 18.83	3.743	28 18 6.9	7.131	(411.) Ll.
146	8	19 23 32.64	3.811	30 40 32.0	7.150	(406.)
147	9	19 23 46.23	3.718	27 25 55.0	7.168	(404.)
148	10	19 24 10.80	3.743	28 20 42.5	7.202	(405.)
149	8. 9	19 24 18.28	3.758	28 51 3.8	7.211	(411.) Ll.
150	9	19 24 32.64	3.716	27 21 45.1	7.232	(404.)
151	8. 9	19 25 8.80	3.718	27 28 13.2	7.282	(404.)
152	10	19 25 20.55	3.765	29 8 31.3	7.297	(411.)
153	10	19 26 14.44	3.730	27 57 6.1	7.369	(405.)
154	9	19 26 31.93	3.758	28 59 35.4	7.394	(411.) Ll.
155	10	19 26 50.83	3.835	31 39 28.3	7.419	(406.)
156	7. 8	19 27 2.80	3.759	29 0 3.8	7.436	(411.) Ll.
157	9	19 27 39.92	3.725	27 49 36.2	7.486	I.
158	10	19 27 56.23	3.729	27 59 48.5	7.507	(405.)
159	8. 9	19 28 29.76	3.761	29 8 32.8	7.553	(411.) Ll.
160	9	19 29 12.49	3.758	29 4 23.9	7.610	II. Ll.
161	9	19 29 16.24	3.720	27 41 25.2	7.615	(404.)
162	7	19 29 34.17	3.754	28 56 29.2	7.639	III. Ll.
163	9	19 29 39.89	3.719	27 42 18.3	7.648	(404.)
164	9. 10	19 30 42.11	3.723	27 52 22.4	7.732	IV.
165	9. 10	19 31 15.21	3.715	27 38 13.2	7.775	(404.)
166	8	19 31 30.87	3.726	28 2 5.4	7.797	V. Ll.
167	10	19 31 45.78	3.783	30 4 51.0	7.817	(406.)
168	9. 10	19 32 23.82	3.752	29 1 40.4	7.868	(411.)

I. (403) +0.02 +4.4; (404) +0.17 0.0; (411) -0.18 -4.4. **II.** (405) +0.26 +1.7; (411) -0.26 -1.7. **III.** (405) +0.24 +3.1; (411) -0.24 -3.2. **IV.** (405) +0.19 -1.7; (411) -0.19 +1.6. **V.** (405) +0.06 +2.9; (411) -0.06 -2.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
169	9	19 32 28.50	+ 3.757	-29 11 44.4	+ 7.873	I.
170	10	19 33 48.32	3.750	28 59 43.7	7.980	(411.)
171	8	19 35 5.11	3.721	27 59 34.3	8.083	II. Ll.
172	10	19 36 21.28	3.745	28 56 7.2	8.185	(411.)
173	8	19 37 20.76	3.707	27 37 32.2	8.265	(404.)
174	9. 10	19 37 37.34	3.750	29 11 25.1	8.286	(411.)
175	8	19 37 41.63	3.815	31 28 24.6	8.293	(406.)
176	7	19 38 28.32	3.740	28 51 19.6	8.353	(411.)
177	9	19 38 35.71	3.718	28 5 41.2	8.364	(414.) Ll.
178	8	19 39 36.77	3.792	30 46 31.0	8.444	(406.)
179	7	19 39 49.49	3.746	29 9 22.2	8.460	(411.) Ll.
180	8	19 40 15.62	3.821	31 38 36.2	8.496	(406.)
181	8	19 41 1.05	3.775	30 15 19.5	8.555	(406.)
182	8. 9	19 41 6.74	3.736	28 50 12.9	8.563	(411.)
183	8	19 41 31.15	3.739	28 56 2.4	8.594	(411.)
184	8	19 41 38.21	3.736	28 52 34.3	8.603	(411.)
185	9. 10	19 41 46.04	3.709	27 52 23.1	8.614	(411.)
186	8	19 41 55.49	3.708	27 50 42.2	8.626	(405.)
187	9	19 41 55.71	3.809	31 29 35.6	8.628	(406.)
188	7. 8	19 42 27.28	3.697	27 27 32.6	8.668	(404.)
189	9. 10	19 42 32.66	3.775	30 19 3.8	8.676	(406.)
190	10	19 43 28.09	3.724	28 31 13.7	8.748	(405.)
191	9	19 43 31.60	3.689	27 13 7.5	8.752	(404.)
192	9. 10	19 44 0.42	3.782	30 39 2.0	8.791	(406.)
193	9	19 44 12.46	3.690	27 19 27.6	8.807	(404.)
194	8. 9	19 44 59.25	3.683	27 4 39.8	8.869	(404.)
195	9	19 46 4.60	3.803	31 28 58.8	8.955	(406.)
196	9	19 46 10.01	3.747	29 29 2.9	8.962	III.
197	7	19 46 35.85	3.747	29 34 42.8	8.996	(405.)

I. (405) +0.36 +2.7; (411) -0.35 -2.7. **II.** (405) +0.23 +2.7; (411) -0.23 -2.8.
III. (405) +0.18 +1.5; (411) -0.17 -1.5.

-27° -33°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
198	10	19 46 56.35	+ 3.795	- 31 15 9.7	+ 9.022	(406.)
199	7	19 47 22.25	3.785	30 57 46.3	9.056	(406.)
200	9. 10	19 47 23.43	3.747	29 35 54.2	9.057	(411.)
201	9. 10	19 48 0.99	3.704	28 0 50.3	9.132	(411.)
202	9	19 49 4.30	3.769	30 28 10.3	9.188	(406.)
203	6. 7	19 49 29.85	3.782	30 56 17.4	9.222	(406.)
204	6. 7	19 49 41.08	3.728	28 59 20.1	9.236	I.
205	9	19 49 53.40	3.735	29 15 19.2	9.252	(411.) Ll.
206	8. 9	19 50 30.61	3.729	29 3 6.9	9.301	(411.)
207	8. 9	19 51 18.50	3.726	28 59 27.3	9.363	II. Ll.
208	9	19 52 13.47	3.752	30 1 46.9	9.432	(406.)
209	8	19 52 51.29	3.707	28 24 27.1	9.480	(411.) Ll.
210	10	19 52 53.13	3.713	28 36 35.8	9.483	(405.)
211	5	19 53 25.58	3.700	28 7 20.3	9.525	(411.) Ll. R.
212	10	19 53 28.47	3.717	28 47 16.5	9.527	(405.)
213	10	19 54 5.38	3.670	27 2 53.0	9.576	(404.)
214	10	19 54 34.20	3.707	28 29 8.9	9.612	(405.)
215	7. 8	19 54 51.29	3.778	31 7 59.1	9.634	(406.)
216	7. 8	10 55 1.72	3.766	30 34 59.1	9.649	(406.)
217	9	19 55 12.49	3.698	28 9 42.4	9.662	(413.)
218	9. 10	19 55 54.10	3.743	29 53 49.4	9.715	(411.)
219	7. 8	19 56 2.46	3.677	27 13 57.9	9.726	(404.) Ll.
220	9	19 56 3.70	3.698	28 12 52.4	9.728	(413.)
221	8	19 56 59.54	3.799	32 — —	9.799	(406.)
222	8	19 57 0.61	3.720	29 29 42.0	9.800	(411.)
223	8	19 57 3.91	3.687	27 51 15.4	9.804	(411.)
224	9	19 57 24.02	3.712	28 47 41.8	9.829	III. Ll.
225	8. 9	19 57 34.96	3.738	29 50 13.8	9.843	(413.)
226	9	19 57 59.79	3.730	29 34 4.1	9.875	(411.)

I. (405) -0.42 +0.8; (411) +0.43 -0.9. II. (405) +0.15 -3.3; (411) -0.14 +3.4. III. (405) +0.31 -1.3; (413) -0.30 +1.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
227	9	19 58 20.29	+ 3.777	- 31 16 52.9	+ 9.900	(406.)
228	8. 9	19 58 24.14	3.710	28 48 46.5	9.905	(411.)
229	8	19 58 35.19	3.736	29 50 23.3	9.919	(411.)
230	8	19 59 2.88	3.768	31 0 6.7	9.955	(406.)
231	9. 10	19 59 16.09	3.672	27 26 7.8	9.972	(404.)
232	9	19 59 51.76	3.696	28 22 52.3	10.017	I. Ll.
233	7	20 0 3.40	3.709	28 52 18.4	10.031	(411.)
234	9	20 0 7.61	3.696	28 23 17.0	10.037	II. Ll.
235	9	20 0 32.21	3.739	30 4 1.0	10.067	(406.)
236	9. 10	20 0 53.29	3.688	28 7 52.6	10.094	III.
237	9	20 2 1.28	3.769	31 14 12.5	10.179	(406.)
238	8	20 2 11.47	3.712	29 7 54.8	10.191	IV.
239	8. 9	20 2 54.10	3.707	29 59 41.8	10.245	(406.)
240	10	20 3 31.86	3.689	28 21 32.9	10.292	V.
241	10	20 4 30.79	3.718	29 21 44.7	10.366	(411.)
242	9	20 4 32.26	3.767	31 20 54.7	10.367	(406.)
243	10	20 5 5.54	3.721	29 40 27.0	10.410	(405.)
244	7	20 5 55.34	3.663	27 28 36.4	10.471	(404.)
245	9	20 6 12.38	3.698	28 55 54.0	10.492	VI.
246	6	20 6 31.15	3.739	30 27 30.9	10.516	(406.)
247	9. 10	20 6 37.15	3.692	28 39 30.5	10.523	VII.
248	9	20 7 24.34	3.676	28 3 31.2	10.583	VIII.
249	8	20 7 36.95	3.762	31 39 44.2	10.598	(406.)
250	9	20 8 19.58	3.720	29 51 1.3	10.652	(413.)
251	9	20 8 47.15	3.687	28 35 32.0	10.684	IX.
252	9. 10	20 10 34.91	3.715	29 50 16.9	10.818	(411.)

I. (411) -0.01 [+26.2]; (413) +0.01 0.0. **II.** (411) -0.02 -3.6; (413) +0.02 +3.6. **III.** (405) +0.26 -1.6; (411) -0.10 +0.3; (413) -0.15 +1.2. **IV.** (405) +0.36 0.0; (411) -0.39 -1.5; (413) +0.02 +1.4. **V.** (405) +0.18 -0.6; (413) -0.17 +0.6. **VI.** (405) +0.29 +1.8; (411) -0.37 -3.5; (413) +0.08 +1.6. **VII.** (405) +0.31 -1.3; (413) -0.31 +1.3. **VIII.** (405) -0.01 +2.9; (411) +0.02 -2.9. **IX.** (405) +0.19 +2.6; (411) -0.18 -2.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
253	10	20 10 40.01	+ 3.663	- 27 48 37.7	+ 10.824	(404.)
254	8	20 11 0.10	3.709	29 35 45.8	10.849	I.
255	9	20 11 7.54	3.758	31 27 58.4	10.859	(406.)
256	8. 9	20 11 12.27	3.711	29 39 35.1	10.863	II. Doppelst.
257	9	20 11 38.19	3.650	27 18 16.5	10.896	(404.)
258	9	20 12 35.92	3.738	30 51 7.8	10.967	(406.)
259	9	20 12 43.32	3.704	29 33 42.1	10.976	III.
260	9. 10	20 13 15.29	3.665	28 1 56.8	11.015	(411.)
261	9	20 13 42.35	3.704	29 37 31.9	11.048	IV.
262	7. 8	20 14 51.73	3.737	30 57 58.5	11.132	(406.)
263	9. 10	20 14 57.86	3.663	28 3 4.5	11.140	V.
264	8	20 15 29.11	3.800	29 33 17.2	11.177	VI.
265	8	20 16 4.52	3.725	30 28 2.9	11.221	(406.)
266	7	20 16 15.20	3.687	29 8 40.8	11.233	VII. Ll.
267	8. 9	20 16 19.94	3.708	29 55 5.0	11.239	(406.)
268	7. 8	20 16 45.12	3.635	27 2 20.8	11.269	(404.)
269	9	20 16 50.02	3.696	29 31 15.6	11.275	(413.)
270	8	20 17 20.03	3.696	29 33 24.6	11.311	VIII.
271	8	20 17 20.99	3.739	31 9 40.1	11.312	(406.)
272	8. 9	20 18 17.25	3.689	29 18 5.4	11.379	IX.
273	7	20 18 25.44	3.741	31 20 5.6	11.389	(406.)
274	8	20 18 45.94	3.673	28 45 4.3	11.414	X. Ll.
275	10	20 19 57.95	3.700	29 52 59.8	11.501	(411.)
276	9	20 20 31.21	3.688	29 31 11.5	11.540	XI.
277	9. 10	20 20 33.68	3.646	27 48 17.1	11.544	(412.) Ll.

I. (405) +0.28 -0.2; (413) -0.27 +0.1. **II.** (405) 0.00 -1.8; (411) -0.28 +1.6; (413) +0.28 +0.4. **III.** (405) +0.44 -1.2; (413) -0.44 +1.2. **IV.** (405) +0.17 +3.8; (411) +0.13 -6.8; (413) -0.29 +3.1. **V.** (405) +0.06 -1.7; (411) -0.05 +1.7. **VI.** (411) +0.11 -4.0; (413) -0.11 +3.9. **VII.** (405) +0.04 +4.8; (415) -0.03 -4.8. **VIII.** (405) +0.12 +1.0; (411) -0.02 -4.4; (413) -0.09 +3.5. **IX.** (405) +0.15 +1.8; (411) -0.21 -1.3; (412) +0.17 -2.3; (413) -0.11 +1.7. **X.** (405) -0.03 +3.5; (411) +0.03 -3.5. **XI.** (405) +0.12 +1.8; (411) +0.03 -3.4; (413) -0.16 +1.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
278	10	20 21 21.27	+ 3.746	- 31 47 5.7	+ 11.599	(406.)
279	7. 8	20 21 44.94	3.689	29 36 36.1	11.628	I.
280	9	20 22 38.40	3.661	28 34 25.7	11.691	II. Ll.
281	9	20 23 12.39	3.674	29 6 16.4	11.731	III.
282	7. 8	20 23 23.38	3.743	31 53 7.3	11.745	(406.)
283	8	20 23 32.90	3.671	29 5 54.8	11.756	IV.
284	8. 9	20 24 23.04	3.712	30 41 26.0	11.815	(406.)
285	8	20 24 37.57	3.688	29 47 55.6	11.833	V.
286	7	20 25 31.93	3.717	30 58 57.2	11.896	(406.)
287	9	20 25 45.13	3.669	29 6 7.8	11.912	VI.
288	10	20 26 40.93	3.715	31 3 44.9	11.976	(406.)
289	8. 9	20 28 7.09	3.667	29 13 42.9	12.077	VII.
290	10	20 28 18.65	3.726	31 32 39.3	12.092	(406.)
291	10	20 28 38.62	3.669	29 20 35.9	12.115	VIII.
292	7. 8	20 28 53.16	3.723	31 29 50.2	12.131	(406.)
293	8. 9	20 29 54.91	3.657	28 56 50.7	12.203	IX. Ll.
294	9	20 30 22.45	3.721	31 26 52.0	12.234	(406.)
295	9	20 31 0.61	3.666	29 23 43.5	12.279	X.
296	7	20 31 25.65	3.612	27 10 13.4	12.307	(404.)
297	8	20 31 45.57	3.656	29 4 36.0	12.331	XI.
298	9. 10	20 31 51.14	3.725	29 59 3.7	12.336	(406.)
299	9. 10	20 32 23.08	3.669	29 40 9.7	12.374	(413.)
300	8. 9	20 32 28.55	3.641	28 31 23.8	12.381	XII.

I. (405) +0.20 +1.2; (411) -0.12 -3.0; (413) -0.09 +1.8. **II.** (405) +0.24 +3.2; (411) -0.11 -3.5; (412) -0.13 +0.4. **III.** (405) -0.18 +1.6; (411) +0.13 -2.3; (413) +0.05 +0.7. **IV.** (405) +0.04 +1.2; (411) +0.03 -2.7; (412) -0.10 -1.9; (413) +0.05 +3.3. **V.** (405) -0.03 +5.0; (411) +0.06 -4.2; (412) +0.01 -1.3; (413) -0.02 +0.4. **VI.** (411) +0.09 -3.6; (413) -0.09 +3.5. **VII.** (405) +0.24 +2.7; (411) -0.02 -5.2; (412) -0.06 -1.4; (413) -0.17 +3.9. **VIII.** (405) +0.06 +0.9; (413) -0.05 -1.0. **IX.** (405) +0.16 +1.1; (412) +0.01 -3.8; (413) -0.16 +2.6. **X.** (412) +0.19 -1.1; (413) -0.18 +1.0. **XI.** (411) -0.05 -1.1; (412) +0.02 +1.0. **XII.** (405) +0.01 +2.2; (411) -0.01 -2.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
301	9	20 32 38.99	+ 3.659	- 29 17 33.7	+ 12.392	(412.)
302	10	20 32 51.35	3.623	27 44 46.0	12.405	(404.)
303	9	20 33 2.95	3.708	31 15 20.4	12.420	(406.)
304	9. 10	20 33 39.81	3.666	29 39 43.9	12.462	I.
305	8. 9	20 33 55.64	3.658	29 18 11.6	12.480	II.
306	7	20 34 7.72	3.673	29 56 56.6	12.495	(406.)
307	8	20 34 25.64	3.692	30 45 49.5	12.515	(406.)
308	9	20 34 51.23	3.635	28 27 4.1	12.543	III. Ll.
309	8. 9	20 35 30.35	3.641	28 44 29.4	12.587	(412.) Ll.
310	9. 10	20 35 35.46	3.623	27 58 24.5	12.593	IV.
311	7	20 36 11.80	3.695	31 0 56.8	12.634	(406.)
312	7	20 36 12.17	3.618	27 47 14.5	12.634	(411.)
313	9. 10	20 36 18.81	3.649	29 9 39.4	12.643	(411.)
314	10	20 37 10.99	3.643	28 58 58.1	12.701	(412.)
315	10	20 37 39.73	3.664	29 53 40.1	12.734	(406.)
316	10	20 37 40.24	3.638	28 49 55.8	12.734	(405.)
317	8	20 38 15.14	3.624	28 14 35.0	12.774	V.
318	8	20 38 50.80	3.624	28 17 52.9	12.814	VI.
319	10	20 39 13.10	3.713	32 — —	12.839	(406.)
320	10	20 39 34.29	3.605	27 32 32.7	12.862	(404.)
321	10	20 39 55.23	3.605	27 33 25.8	12.886	(404.)
322	9	20 39 55.37	3.651	29 34 53.9	12.886	VII.
323	7. 8	20 40 7.24	3.679	30 44 31.4	12.898	(406.)
324	9	20 40 24.24	3.635	28 53 55.2	12.917	VIII.
325	8	20 41 5.16	3.611	27 55 8.7	12.963	IX.

I. (405) +0.29 -0.5; (413) -0.29 +0.5. **II.** (411) -0.02 -1.9; (412) -0.06 +1.9; (413) +0.08 —. **III.** (405) -0.01 +4.0; (411) -0.10 -5.2; (412) +0.12 +1.3. **IV.** (405) +0.23 +3.0; (411) -0.23 -3.1. **V.** (411) -0.08 -3.6; (412) +0.07 -1.0; (413) +0.01 +4.7. **VI.** (405) +0.04 +0.6; (411) -0.08 -3.6; (412) -0.05 -2.0; (413) +0.11 +4.8. **VII.** (411) -0.07 -1.9; (413) +0.07 +1.9. **VIII.** (405) +0.06 +0.7; (411) +0.04 -2.8; (412) -0.32 -1.2; (413) +0.23 +3.4. **IX.** (411) -0.11 +0.7; (412) +0.11 -0.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
326	10	20 41 25.33	+ 3.625	- 28 33 42.1	+ 12.985	(405.)
327	7. 8	20 42 34.22	3.620	28 33 8.1	13.062	I.
328	7. 8	20 42 34.63	3.605	27 48 3.6	13.063	II.
329	4	20 42 51.58	3.595	27 28 34.6	13.148	(404.) Ll. R.
330	9	20 44 18.42	3.620	28 35 6.6	13.176	III. Ll.
331	7. 8	20 45 6.17	3.616	28 29 17.5	13.229	IV. Ll.
332	9	20 45 35 52	3.615	28 29 43.0	13.262	V. Ll.
333	10	20 45 39.56	3.644	29 58 31.0	13.267	(406.)
334	10	20 46 36.87	3.663	30 41 40.4	13.328	(406.)
335	9. 10	20 47 9.24	3.637	29 38 15.1	13.363	VI.
336	9. 10	20 47 54.93	3.595	27 49 27.6	13.413	(411.)
337	10	20 48 41.60	3.604	28 19 5.1	13.464	VII.
338	10	20 49 45.30	3.592	27 53 39.7	13.532	(411.)
339	9. 10	20 50 4.93	3.590	27 49 32.7	13.554	(413.)
340	8	20 50 17.67	3.668	31 15 8.0	13.568	(406.)
341	8	20 51 22.16	3.590	27 55 13.2	13.636	VIII. Ll.
342	8. 9	20 51 46.01	3.610	28 54 1.3	13.662	(413.)
343	10	20 51 56.70	3.583	27 37 50.4	13.674	(404.)
344	8	20 51 58.91	3.642	30 18 39.8	13.675	(406.)
345	10	20 52 2.00	3.643	30 19 51.3	13.679	(406.)
346	9. 10	20 52 24.48	3.597	28 17 25.5	13.702	IX.
347	8	20 52 35.01	3.597	28 23 14.3	13.714	X.
348	6. 7	20 52 50.66	3.577	27 27 53.3	13.731	(404.)

I. (405) +0.23 +1.2; (411) +0.03 -3.0; (412) -0.16 -1.7; (413) -0.11 +3.3. II. (411) -0.08 -0.2; (412) +0.09 +0.2. III. (405) +0.25 +0.4; (411) -0.19 -3.0; (413) -0.07 +2.5. IV. (405) +0.02 +0.9; (411) -0.06 -2.2; (412) +0.09 -2.7; (413) -0.05 +4.1. V. (405) +0.03 -0.7; (411) +0.19 -2.8; (413) -0.23 +3.6. VI. (405) +0.19 +3.4; (411) -0.17 -2.1; (412) -0.02 -5.0; (413) +0.02 +3.8. VII. (412) +0.14 -4.0; (413) -0.13 +4.0. VIII. (405) -0.05 +2.2; (411) 0.00 -2.1; (412) +0.23 -3.2; (413) -0.18 +3.1. IX. (405) +0.15 +3.8; (411) -0.20 -0.1; (412) +0.04 -3.7. X. (405) +0.17 +2.0; (411) +0.01 +0.1; (412) +0.04 -3.6; (413) -0.23 +1.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
349	7. 8	20 53 54.84	+ 3.624	-29 41 45.7	+ 13.799	I.
350	7	20 54 12.04	3.592	28 19 3.8	13.818	II. Ll.
351	9. 10	20 55 10.73	3.622	29 44 8.3	13.880	(412.)
352	8. 9	20 55 24.64	3.586	28 7 21.1	13.894	III. Ll.
353	8. 9	20 56 33.20	3.568	27 19 41.4	13.905	(404.)
354	9. 10	20 56 42.57	3.616	29 43 11.2	13.976	(413.)
355	7	20 56 57.06	3.639	30 43 6.2	13.990	(406.)
356	9	20 57 55.39	3.583	28 15 39.5	14.051	IV.
357	8. 9	20 57 57.18	3.625	30 10 57.4	14.053	(406.)
358	10	20 58 19.42	3.577	27 56 50.3	14.076	(413.)
359	7. 8	20 58 28.23	3.571	27 53 19.6	14.086	V. Ll.
360	10	20 58 45.21	3.565	27 30 20.1	14.103	(404.)
361	8	20 59 38.16	3.556	27 11 31.5	14.158	(404.)
362	10	20 59 41.81	3.619	30 8 11.2	14.162	(406.)
363	7. 8	21 0 0.62	3.596	29 4 26.2	14.182	VI. Ll.
364	9	21 0 7.42	3.607	29 40 56.9	14.188	(405.)
365	9	21 0 7.99	3.565	27 30 40.2	14.189	(404.)
366	9	21 0 22.40	3.587	28 42 36.2	14.204	VII.
367	7	21 1 4.86	3.621	30 19 40.3	14.248	(406.)
368	8	21 1 32.25	3.592	29 5 49.9	14.275	VIII. Ll.
369	9	21 2 20.65	3.549	27 5 19.8	14.325	(404.)
370	8	21 3 4.11	3.635	31 11 59.2	14.369	(406.)
371	8	21 3 22.89	3.576	28 30 53.7	14.388	IX. Ll.
372	8. 9	21 3 57.49	3.550	27 18 52.3	14.423	(404.)

I. (405) +0.04 -0.1; (411) -0.15 -3.4; (413) +0.12 +3.5. II. (405) +0.13 +1.9; (411) +0.01 -2.0; (412) -0.02 -4.6; (413) -0.13 +4.5. III. (405) +0.35 +3.8; (411) -0.10 +1.6; (413) -0.24 -4.8. IV. (405) +0.17 +1.8; (411) -0.16 -1.9. V. (411) +0.01 -1.6; (412) +0.22 -1.4; (413) -0.24 +3.0. VI. (411) -0.05 -2.2; (413) +0.06 -1.9; (413) -0.01 +4.1. VII. (411) +0.18 -5.2; (413) -0.17 +5.2. VIII. (405) +0.17 +0.4; (411) -0.09 -2.6; (412) +0.18 -0.4; (413) -0.24 +2.6. IX. (405) +0.18 +1.6; (411) -0.28 -3.0; (412) +0.01 -0.9; (413) -0.02 +2.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
373	6	21 4 22.91	+ 3.569	- 28 13 40.6	+ 14.449	I. Ll.
375	10	21 4 47.78	3.622	30 48 40.5	14.474	(406.)
375	8	21 4 59.83	3.610	30 16 45.7	14.487	(406.)
376	10	21 5 17.38	3.561	27 59 0.4	14.504	(413.)
377	8	21 5 58.93	3.637	31 35 57.7	14.546	(406)
378	9	21 6 29.06	3.550	27 33 19.9	14.576	(404.)
379	10	21 7 0.75	3.583	29 16 54.3	14.608	II.
380	9	21 7 32.55	3.577	29 7 51.1	14.640	(413.) Ll.
381	10	21 7 55.42	3.633	31 39 51.0	14.662	(406.)
382	9	21 8 8.78	3.545	27 31 40.3	14.676	(404.)
383	9. 10	21 8 55.62	3.550	27 51 3.8	14.723	III.
384	9	21 9 7.86	3.597	30 8 4.2	14.735	(406.)
385	7. 8	21 10 1.81	3.579	29 23 24.5	14.788	IV. Ll.
386	8	21 11 1.58	3.545	27 50 17.6	14.847	V. Ll.
387	9	21 11 11.41	3.547	27 55 56.4	14.856	VI. Ll.
388	10	21 11 27.11	3.601	30 33 58.7	14.871	(406.)
389	8	21 11 52.27	3.621	31 35 22.9	14.896	(406.)
390	9	21 12 18.08	3.552	28 21 50.4	14.922	(411.)
391	7. 8	21 12 53.97	3.580	29 47 56.1	14.956	VII.
392	9. 10	21 13 45.15	3.531	27 27 55.9	15.023	(404.)
393	8	21 14 3.15	3.612	31 27 14.8	15.023	(406.)
394	9	21 14 11.30	3.556	28 44 15.1	15.030	(411) Ll.
395	9	21 14 20.48	3.574	29 42 20.8	15.039	VIII.
396	9	21 15 36.02	3.552	28 44 57.1	15 112	IX.
397	9	21 15 44.15	3.613	31 44 47.1	15.120	(406.)

I. (411) +0.06 -0.5; (412) 0.00 -2.4; (413) -0.07 +3.0. II. (411) +0.44 -5.6; (413) -0.43 +5.6. III. (411) -0.09 -1.5; (412) +0.25 -2.6; (413) -0.16 +4.1. IV. (411) +0.03 -1.7; (412) +0.04 -1.7; (413) -0.07 +3.4. V. (411) +0.07 +0.7; (412) +0.16 -2.5; (413) -0.22 +1.9. VI. (411) +0.06 -0.6; (413) -0.06 +0.6; VII. (411) -0.10 -0.3; (412) +0.19 -3.3; (413) -0.08 +3.7. VIII. (411) +0.10 -3.1; (413) -0.09 +3.0. IX. (411) -0.01 -3.2; (413) +0.01 +3.2.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
398	10	21 15 51.96	+ 3.550	− 26 38 40.7	+ 15.127	I.
399	10	21 16 48.24	3.585	30 30 53.9	15.181	(406.)
400	10	21 17 8.18	3.586	30 34 29.2	15.200	(406.)
401	10	21 17 29.41	3.529	27 48 40.7	15.220	(411.)
402	8	21 17 41.28	3.569	29 50 24.1	15.231	(413.)
403	9	21 17 42.16	3.530	27 53 2.1	15.232	(411.)
404	8. 9	21 17 50.05	3.565	29 39 20.7	15.239	(411.)
405	9	21 17 56.55	3.543	28 36 56.4	15.246	(413.)
406	8	21 18 31.77	3.601	31 29 42.3	15.279	(406.)
407	7. 8	21 18 43.91	3.537	28 22 20.2	15.291	(413.) Ll.
408	7. 8	21 19 34.57	3.512	27 11 17.1	15.339	(404.)
409	10	21 20 1.09	3.539	28 36 27.0	15.364	(413.)
410	8. 9	21 20 28.29	3.587	31 3 50.6	15.388	(406.)
411	9	21 21 32.49	3.553	29 29 31.4	15.449	(413.)
412	9. 10	21 22 10.68	3.548	29 22 59.5	15.485	(413.)
413	9	21 23 8.91	3.539	28 59 45.7	15.537	II.
414	10	21 24 6.41	3.572	30 48 4.6	15.590	(406.)
415	9. 10	21 24 6.84	3.530	28 40 31.5	15.591	(413.)
416	8. 9	21 24 41.66	3.526	28 32 55.1	15.623	III.
417	8. 9	21 25 12.50	3.567	30 45 21.7	15.649	(406.)
418	9	21 25 21.74	3.525	28 33 44.2	15.660	IV.
419	10	21 25 47.55	3.565	30 42 35.5	15.682	(406.)
420	9	21 26 18.97	3.517	28 16 34.0	15.711	V.
421	10	21 27 1.87	3.572	31 14 13.7	15.751	(406.)
422	8	21 27 52.84	3.573	31 23 36.3	15.796	(406.)
423	8	21 28 12.53	3.531	29 16 43.4	15.814	(411.) Ll.
424	10	21 28 31.84	3.572	31 25 56.1	15.832	(406.)

I. (411) +0.15 -1.7; (413) -0.15 +1.7. **II.** (411) +0.05 -3.7; (413) -0.05 +3.7. **III.** (411) -0.18 -0.8; (412) +0.17 -5.1; (413) 0.00 +5.8. **IV.** (411) +0.20 -6.7; (413) -0.19 +6.7. **V.** (411) -0.05 -2.3; (413) +0.05 +2.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
425	9. 10	21 28 37.12	+ 3.512	-28 17 44.1	+ 15.836	I.
426	8. 9	21 29 34.09	3.546	30 18 49.4	15.887	(406.)
427	8	21 29 46.07	3.514	28 33 56.8	15.898	II. Ll.
428	7. 8	21 30 22.67	3.503	27 58 34.6	15.930	III. Ll.
429	7. 8	21 30 28.97	3.558	30 58 47.0	15.935	(406.)
430	9. 10	21 32 0.15	3.543	30 26 9.9	16.017	(406.)
431	10	21 33 7.56	3.570	32 — —	16.075	(406.)
432	8	21 33 21.46	3.500	28 21 58.2	16.087	IV.
433	8	21 34 39.69	3.563	31 55 50.4	16.156	(406.)
434	9	21 35 16.99	3.499	28 34 17.2	16.188	V.
435	8	21 36 47.64	3.511	29 24 33.4	16.265	(413.)
436	9	21 37 3.60	3.471	27 10 33.4	16.280	(404.)
437	7	21 39 0.00	3.488	28 26 26.1	16.378	(413.) Ll.
438	9	21 39 19.72	3.478	27 53 34.0	16.395	(413.)
439	8	21 42 52.53	3.472	28 5 46.3	16.571	(413.) Ll.
440	8. 9	21 43 12.46	3.522	31 1 10.9	16.587	(406.)
441	8	21 43 50.75	3.468	28 0 54.5	19.619	(413.) Ll.
442	10	21 44 46.87	3.517	31 1 5.7	16.664	(406.)
443	8	21 44 58.85	3.488	29 21 50.9	16.674	(413.) Ll.
444	10	21 45 16.18	3.474	28 28 11.4	16.688	(411.)
445	9. 10	21 45 52.12	3.471	28 30 25.5	16.717	(413.)
446	9	21 46 38.18	3.507	30 44 35.5	16.753	(406.)
447	9	21 46 48.02	3.461	28 3 35.8	16.761	VI.
448	9	21 46 58.77	3.501	30 24 28.2	16.770	(406.)
449	10	21 47 42.76	3.457	27 59 53.6	16.805	(411.)
450	7. 8	21 48 7.53	3.483	29 31 33.3	16.825	(413.)
451	8	21 48 19.29	3.473	28 55 12.8	16.834	VII. Ll.

I. (411) +0.19 -1.3; (413) -0.18 +1.3. II. (411) +0.18 -3.8; (413) -0.18 +3.7. III. (411) +0.08 -1.4; (412) +0.09 -3.9; (413) -0.17 +5.2. IV. (411) 0.00 -2.8; (413) 0.00 +2.8. V. (411) +0.17 -1.8; (413) -0.16 +1.7. VI. (411) -0.29 -4.9; (413) +0.29 +4.8. VII. (411) -0.02 -3.7; (413) +0.03 +3.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
452	8	21ʰ 48′ 28″.44	+3″.443	−27° 11′ 15″.5	+16″.840	(404.)
453	10	21 49 46.96	3.493	30 27 10.0	16.904	(406.)
454	7	21 50 51.22	3.478	29 46 9.7	16.953	(413.)
455	7	21 50 58.19	3.455	28 20 44.9	16 958	(411.)
456	10	21 51 2.41	3.494	30 41 54.3	16.962	(406.)
457	8	21 51 9.96	3.471	29 19 57.8	16.968	(413.) Ll. R.
458	8	21 51 25.64	3.451	28 9 1.8	16.980	(411.)
459	10	21 51 36.72	3.449	28 0 57.6	16.989	(411.)
460	5	21 52 12.31	3.466	29 10 13.1	17.017	(413.) Ll R.
461	9	21 52 19.51	3.434	27 14 29.9	17.022	(404.)
462	9	21 52 53.52	3.454	28 36 29.1	17.047	(411.)
463	10	21 54 0.05	3 497	31 25 59.4	17.099	(406.)
464	7	21 54 7.42	3.443	28 5 11.7	17.105	I. Ll.
465	7. 8	21 54 35.60	3.437	27 46 23.0	17 127	(404.)
466	7	21 55 44.41	3.478	30 38 32.9	17.178	(406.)
467	7	21 56 3.32	3 455	29 9 36.1	17.192	II. Ll.
468	5	21 56 4.38	3.429	27 32 49.2	17.193	(404.)
469	9	21 56 35.56	3.449	28 54 26.0	17.217	III.
470	10	21 56 51.98	3.466	30 6 11.9	17.229	(406.)
471	9	21 57 34.80	3.443	28 45 6.8	17.261	IV.
472	8	21 58 20.53	3.488	31 39 42.2	17.296	(406.)
473	9. 10	21 58 35.26	3.442	28 46 34 1	17.306	V.
474	8	21 59 7.76	3.440	28 47 12.3	17.330	(411.) Ll.
475	8	21 59 10.08	3.442	28 52 34.0	17.331	(413.) Ll.
476	9. 10	22 0 25.74	3.425	27 55 33.4	17.387	VI.
477	7. 8	22 1 26.16	3.438	29 1 35.7	17.430	(413.) Ll.
478	9	22 1 37.01	3.427	28 24 14.9	17.437	(411.)

I. (411) −0.03 −3.8; (413) +0.03 +3.8. II. (411) +0.21 −3.6; (413) −0.20 +3.6.
III. (411) +0.25 −3.5; (413) −0.25 +3.4. IV. (411) −0.01 −3.1; (413) +0.02 +3.1.
V. (411) −0.17 −4.2; (413) +0.17 +4.1. VI. (411) −0.07 −4.7; (413) +0.07 +4.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
479	7. 8	22 2 56.45	+ 3.416	-27 53 15.7	+ 17.495	I. Ll.
480	7. 8	22 4 7.25	3.413	27 49 22.3	17.544	II. Ll.
481	8	22 4 36.24	3.401	27 13 6.6	17.565	(404.)
482	9	22 5 8.94	3.415	28 11 52.0	17.587	III.
483	6	22 5 47.78	3.417	28 30 25.6	17.615	IV. Ll.
484	10	22 6 13.56	3.415	28 26 56.2	17.633	(411.)
485	7	22 8 48.29	3.406	28 7 59.7	17.739	V. Ll.
486	10	22 9 56.46	3.399	28 2 34.3	17.786	(411.)
487	9	22 10 5.11	3.411	28 52 1.7	17.792	(411.) Ll.
488	7. 8	22 10 50.63	3.409	28 57 33.1	17.823	(411.) Ll.
489	8	22 11 20.34	3.397	28 8 19.4	17.842	(413.)
490	10	22 12 12.58	3.406	28 58 58.5	17.878	(411.)
491	8	22 13 8.16	3.411	29 31 31.7	17.913	VI.
492	9	22 14 7.27	3.390	28 10 26.4	17.951	VII.
493	9	22 14 26.71	3.410	29 44 46.8	17.964	(413.)
494	9	22 15 3.75	3.392	28 38 36.7	17.988	(411.)
495	9	22 15 44.84	3.401	29 25 45.5	18.015	(413.)
496	9	22 17 27.56	3.397	29 28 45.2	18.081	(413.)
497	9	22 17 44.62	3.378	28 6 8.7	18.091	(411.)
498	9	22 18 56.26	3.384	28 47 39.8	18.130	VIII.
499	8	22 19 47.32	3.371	27 58 11.2	18.167	IX.
500	9	22 21 0.30	3.367	27 55 19.3	18.212	X. Ll.
501	7	22 21 21.79	3.366	27 52 20.2	18.225	XI. Ll.
502	9	22 24 11.37	3.365	28 28 50.1	18.327	(413.)
503	8	22 24 35.50	3.379	29 45 12.1	18.341	(411.)
504	9	22 25 1.77	3.368	28 55 1.3	18.356	(413.)

I. (404) +0.01 -3.1; (411) +0.03 -1.7; (413) -0.04 +4.8. **II.** (411) +0.02 +2.0; (404) +0.33 -5.5; (413) -0.36 +3.5. **III.** (411) +0.20 -2.3; (413) -0.19 +2.2. **IV.** (411) +0.11 +4.3; (413) -0.11 -4.4. **V.** (411) +0.05 -3.2; (413) -0.04 +3.2. **VI.** (411) -0.12 -2.5; (413) +0.13 +2.4. **VII.** (411) +0.23 -4.7; (413) -0.22 +4.7. **VIII.** (411) -0.05 -6.1; (413) +0.06 +6.1. **IX.** (411) -0.09 -6.3; (413) +0.10 +6.2. **X.** (411) +0.06 -2.2; (413) -0.16 +2.2. **XI.** (411) +0.13 -2.4; (413) -0.12 +2.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
505	9	22 25 45.68	+ 3.359	- 28 25 23.1	+ 18.382	(413.)
506	9	22 25 58.90	3.358	28 19 6.3	18.389	(413.)
507	9	22 26 33.48	3.370	29 34 5.0	18.409	(411.)
508	8. 9	22 26 44.09	3.354	28 14 37.0	18.415	(413.)
509	9	22 27 21.63	3.365	29 15 12.7	18.437	(411.)
510	10	22 27 53.31	3.361	29 5 16.0	18.456	(411.)
511	9. 10	22 27 56.78	3.347	27 55 42.6	18.458	(413.)
512	8	22 29 19.48	3.367	29 49 16.4	18.505	I.
513	7	22 30 23.30	3.359	29 31 33.9	18.541	II.
514	9. 10	22 30 28.58	3.354	29 3 6.3	18.544	(411.)
515	7. 8	22 31 22.37	3.351	29 6 13.0	18.573	III. Ll.
516	8	22 31 24.81	3.351	29 7 33.1	18.575	IV. Ll.
517	8	22 33 7.98	3.334	28 2 13.1	18.632	V. Ll.
518	8	22 34 0.14	3.333	28 9 55.9	18.659	VI. Ll.
519	8. 9	22 34 32.72	3.339	28 40 6.7	18.677	VII.
520	8	22 34 50.55	3.338	28 56 15.1	18.687	(411.)
521	9	22 35 40.12	3.326	27 59 11.5	18.712	VIII.
522	10	22 36 47.17	3.324	28 10 58.7	18.747	(411.)
523	10	22 36 47.65	3.323	28 4 43.9	18.748	IX.
524	8	22 39 7.69	3.318	28 10 18.7	18.820	X. Ll.
525	10	22 39 21.56	3.317	28 9 20.4	18.826	XI.
526	7	22 40 12.87	3.317	28 21 2.5	18.851	XII. Ll.
527	9. 10	22 42 38.90	3.306	28 4 34.1	18.922	(413.)
528	9. 10	22 44 13.63	3.310	28 57 25.8	18.969	(413.)
529	9	22 44 14.42	3.303	28 10 59.3	18.969	(411.)

I. (411) +0.13 -4.5; (413) -0.13 +4.4. **II.** (411) -0.01 -4.1; (413) +0.02 +4.0.
III. (411) +0.07 -2.1; (413) -0.06 +2.0. **IV.** (411) +0.07 -3.4; (413) -0.07 +3.3.
V. (411) +0.21 [-18.8]; (413) -0.20 0.0. **VI.** (411) -0.02 -2.7; (413) +0.03 +2.7.
VII. (411) +0.06 -2.1; (413) -0.05 +2.1. **VIII.** (411) +0.38 -1.4; (413) -0 37 -1.4.
IX. (411) -0.19 -3.2; (413) +0.20 +3.2. **X.** (411) +0.27 -2.7; (413) -0.27 +2.7.
XI. (411) +0.05 -0.7; (413) -0.05 +0.6. **XII.** (411) +0.17 -1.7; (413) -0.17 +1.7.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
530	8	22 45 1.90	+ 3.311	- 29 12 39.0	+ 18.996	I.
531	10	22 46 41.01	3.299	28 28 51.1	19.037	II.
632	8. 9	22 47 48.95	3.298	28 49 17.3	19.068	(413.)
533	9	22 48 14.02	3.302	29 24 17.1	19.079	(413.)
534	8	22 49 30.31	3.293	28 45 59.5	19.113	III.
535	9	22 50 26.96	3.294	29 6 22.0	19.138	(413.)
536	8	22 50 27.50	3.292	28 57 7.0	19.138	IV.
537	9	22 52 1.65	3.285	28 43 30.5	19.179	V.
538	6	22 53 7.26	3.290	29 39 26.0	19.206	(413.)
539	9	22 53 12.92	3.282	28 48 46.6	19.208	VI.
540	8	22 55 57.55	3.275	29 2 40.8	19.277	VII.
541	7	22 56 42.60	3.263	27 56 45.2	19.295	VIII. Ll.
542	10	22 56 54.52	3.274	29 17 15.7	19.300	(411.)
543	9. 10	22 59 27.11	3.267	29 23 41.4	19.359	(413.)
544	6	23 0 13.40	3.262	29 38 —	19.371	(411.)
545	9. 10	23 0 52.24	3.251	27 57 49.7	19.391	(413.)
546	6	23 1 37.81	3.255	28 54 0.9	19.407	(411.) Ll.
547	10	23 2 44.97	3.252	28 50 59.5	19.433	(411.)
548	8. 9	23 4 12.28	3.252	29 13 41.5	19.463	(411.)
549	8	23 5 17.43	3.248	29 16 30.2	19.486	(411.)
550	9. 10	23 6 22.90	3.236	27 51 48.2	19.509	(411.)
551	9. 10	23 7 39.82	3.230	27 49 45.6	19.534	(411.)
552	8	23 8 27.60	3.230	27 53 53.7	19.551	(411.)
553	6. 7	23 9 4.93	3.236	29 15 9.7	19.563	(411.) Ll.
554	9	23 10 25.80	3.233	29 17 40.3	19.588	(411.) Ll.
555	7. 8	23 11 0.42	3.229	29 12 28.9	19.599	(411.) Ll.
556	9	23 12 53.13	3.218	28 29 49.1	19.632	(413.)

I. (411) +0.08 -1.0; (413) -0.07 +1.0. II. (411) +0.50 -4.7; (413) -0.49 +4.6. III. (411) +0.09 -2.1; (413) -0.08 +2.1. IV. (411) +0.05 -3.6; (413 -0.05 +3.6. V. (411) +0.26 -5.0; (413) -0.25 +4.9. VI. (411) -0.26 -0.6; (413) +0.26 +0.6. VII. (411) -0.02 -4.1; (413) +0.03 +4.1. VIII. (411) -0.01 -2.9; (413) +0.02 +2.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
557	6	23h 13′ 15″.47	+3″.213	−27° 48′ 31″.1	+19″.639	(411.) Ll.
558	8. 9	23 15 27.07	3.218	29 29 33.6	19.677	(413.)
559	8	23 15 42.74	3.215	29 24 18.2	19.681	(413.)
560	9. 10	23 16 42.15	3.206	28 32 52.6	19.698	(413.)
561	7	23 18 12.70	3.198	28 14 56.7	19.723	(413.) Ll.
562	7. 8	23 19 34.63	3.194	28 6 9.4	19.744	(413.) Ll.
563	8	23 21 8.76	3.196	29 5 17.7	19.767	(413.) Ll.
564	8. 9	23 21 19.48	3.192	28 25 21.7	19.770	(413.)
565	9	23 22 51.91	3.185	28 7 14.1	19.792	(413.)
566	9. 10	23 24 4.32	3.181	27 57 58.0	19.808	(413.)
567	10	23 25 19.08	3.185	29 30 9.5	19.825	(413.)
568	9	23 26 56.12	3.175	28 32 31.6	19.846	(413.)
569	7	23 27 44.60	3.171	28 18 46.7	19.856	(413.) Ll.
570	9. 10	23 30 9.04	3.169	29 35 18.9	19.885	(413.)
571	9	23 30 56.71	3.164	29 5 49.7	19.893	(413.)
572	8. 9	23 32 21.87	3.161	29 11 12.3	19.909	(413.)
573	9	23 32 24.85	3.162	29 44 15.4	19.909	(413.)
574	8. 9	23 34 24.91	3.152	28 28 10.3	19.930	(413.) Ll.
575	9	23 34 44.87	3.151	29 0 49.3	19.933	(413.)
576	10	23 36 16.81	3.148	29 1 48.0	19.948	(413.)
577	9. 10	23 38 57.85	3.140	29 36 7.4	19.971	(413.)
578	9. 10	23 40 30.83	3.133	28 43 40.5	19.982	(413.) Ll.
579	9	23 44 7.14	3.123	29 9 41.8	20.007	(413.)
580	10	23 46 16.99	3.116	29 19 19.4	20.019	(413.)
581	8	23 46 35.45	3.112	27 52 38.8	20.021	(413.) Ll.
582	9	23 49 45.64	3.103	28 52 28.0	20.036	(413.)
583	9	23 51 6.76	3.099	28 36 32.6	20.040	(413.) Ll.
584	9. 10	23 52 14.51	3.095	28 32 31.5	20.042	(413.)
585	8. 9	23 53 1.32	3.093	28 44 33.9	20.045	(413.)
586	8	23 53 39.48	3.092	29 33 31.5	20.047	(413.)
587	9. 10	23 54 41.51	3.088	29 24 16.0	20.049	(413.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
588	9	23 55 55.38	+ 3.084	- 29 15 8.8	+ 20.052	(413.) Ll.
589	9	23 56 10.96	3.083	29 13 43.9	20.052	(413.) Ll.
590	10	23 57 33.71	3.078	28 6 18.2	20.054	(413.)
591	9. 10	23 59 37.03	3.072	28 14 0.4	20.055	(413.)

Nachtrag I,

enthaltend 918 seit 1865 beobachtete und in den bisher gedruckten Sternverzeichnissen nicht vorkommende Zonensterne.

-3° +3°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
				-3° bis +3°		Suppl.-Bd. V.
1	9	16 57 35.94	+ 3.004	+2 56 43.6	- 5.397	(877.)
2	8. 9	17 2 14.71	3.062	0 23 49.7	5.002	(878.)
3	8	17 2 39.07	3.009	2 41 18.4	4.966	(877.) B. S.
4	9	17 19 18.84	3.014	+2 27 26.2	3.531	(877.)
5	8. 9	17 25 0.99	3.086	- 0 30 39.1	3.049	(878.)
6	8. 9	17 28 32.31	3.059	+0 31 48.9	2.754	(878.)
7	8. 9	17 39 53.69	3.040	1 20 57.8	- 1.758	(878.)
8	9	18 25 12.70	3.025	1 57 3.0	+ 2.202	(880.) S.
9	8	18 32 0.95	3.010	2 36 42.2	2.791	(880.)
10	9. 10	18 33 20.94	3.029	1 47 29.6	2.908	(880.)
11	9	18 50 9.20	3.013	2 30 28.2	4.355	(830.) B. S.
12	9	19 10 2.32	3.023	2 9 9.8	6.034	(880.)
13	8	19 10 59.47	3.015	2 31 9.0	6.113	(880.) B.
14	8	19 18 3.58	3.006	2 55 6.1	6.698	(880.) B.
15	6	19 27 53.00	3.014	2 35 13.6	7.503	(880.) Ll. B.
16	8	19 49 19.27	3.020	2 28 0.9	9.208	(862.) Ll. B. S.
17	7	19 50 9.25	3.017	2 35 29.5	9.272	(862.) B.
18	8	20 13 50.47	3.013	2 56 5.5	11.058	(862.)
19	7. 8	20 22 23.77	3.016	2 53 3.3	11.674	(862.)
20	6	20 37 36.77	3.021	2 44 12.7	12.738	(862.) B.
21	6	20 37 54.61	3.022	2 37 59.1	12.751	(862.) B. S.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
				+3° bis +9°		Sppl.-Bd. VIII.
22	7	10 37 43.51	+ 3.139	+ 8 18 5.1	- 18.776	(805.) B. S.
23	9. 10	10 44 20.58	3.133	8 15 30.9	18.971	(805.) } Doppelst
24	7. 8	10 44 21.37	3.133	8 15 24.9	18.971	(805.) } Doppelst
25	9	10 44 41.22	3.133	8 17 9.1	18.982	(805.)
26	7	10 46 58.36	3.119	6 39 —	19.045	(805.) B.
27	4	10 52 58.10	3.116	6 44 21.8	19.201	(805.)
28	9	10 53 7.52	3.116	6 46 31.5	19.207	(805.) Ll. B.
29	7	10 55 53.18	3.124	8 23 19.8	19.275	(805.) Ll. B. S.
30	9. 10	10 56 20.69	3.113	6 39 —	19.286	(805.) B.
31	8	10 59 47.77	3.111	6 41 —	19.366	(805.) Ll. B. S.
32	10	11 2 43.12	3.121	8 42 —	19.432	(806.) Ll. B. R.
33	9	11 11 58.09	3.105	7 1 4.2	19.615	(805.) B.
34	9. 10	11 15 40.02	3.103	7 10 4.6	19.680	(805.) Ll. B.
35	9	11 15 42.79	3.102	6 57 22.0	19.681	(805.) Ll. B. R.
36	9	11 17 40.63	3.109	8 55 29.1	19.714	(806.) B. R.
37	7	11 24 55.69	3.102	8 41 24.6	19.820	(805.)
38	7	11 25 23.34	3.100	8 14 20.3	19.826	I. Ll. B.
39	9. 10	11 25 33.59	3.098	7 54 37.6	19.827	(805.)
40	9	11 27 13.76	3.094	7 6 27.8	19.850	(806.) Ll. B.
41	9	11 27 49.29	3.094	7 21 10.6	19.857	(806.) Ll. B.
42	7	11 28 12.56	3.095	7 35 51.1	19.862	II. Ll. B.
43	10	11 28 21.30	3.097	8 10 37.3	19.863	(816.) B.
44	7	11 28 51.56	3.092	6 56 25.7	19.869	(805.) B. R. S.
45	7	11 29 34.44	3.092	7 5 59.9	19.879	III. Ll. B. R. S.
46	6	11 30 43.58	3.097	8 57 54.9	19.891	IV. Ll. B. R.
47	7	11 30 49.26	3.092	7 19 52.7	19.892	(864.) Ll.

I. (805) +0.06 -1.8; (864) -0.05 +1.8. II. (805) +0.13 -0.8; (864) -0.12 +0.9. III. (805) 0.00 +1.4; (864) +0.01 -1.4. IV. (806) -0.11 0.0; (807) +0.01 -4.9; (816) +0.11 +4.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
48	6. 7	11 34 44.91	+ 3.087	+ 6 20 14.9	- 19.934	(864.) S.
49	3	11 38 9.00	3.087	7 22 9.1	19.964	I. Ll. B. R. S.
50	6	11 38 23.42	3.088	8 0 27.8	19.966	II. Ll. B.
51	8	11 39 55.28	3.084	6 43 25.7	19.977	(864.) B.
52	8. 9	11 40 56.35	3.086	7 43 19.4	19.985	III.
53	8	11 42 2.33	3.083	7 40 46.4	19.998	IV. B. R.
54	7. 8	11 43 6.78	3.083	7 10 51.1	20.000	(805.) Ll. S.
55	8	11 43 52.05	3.083	7 42 36.8	20.005	V. Ll. B.
56	9. 10	11 43 57.53	3.083	7 48 44.9	20.006	(805.) Ll. B.
57	9	11 45 4.40	3.083	8 26 27.4	20.012	VI. Ll. B.
58	8. 9	11 47 53.65	3.080	7 41 53.3	20.027	(864.)
59	8. 9	11 48 50.16	3.080	8 6 0.3	20.031	(864.) B. S.
60	7	11 50 3.87	3.079	7 48 42.4	20.036	VII. Ll. B. R.
61	8	11 51 13.47	3.078	7 47 39.9	20.040	(816.)
62	9	11 51 25.57	3.077	6 50 53.9	20.040	(864.) B. S.
63	8. 9	11 52 44.51	3.076	7 20 22.1	20.044	(805.) Ll. B.
64	8	11 53 21.05	3.076	7 46 17.6	20.046	VIII. B.
65	7	11 54 54.18	3.075	8 54 —	20.050	(808.) Ll. B. S.
66	9	11 56 27.59	3.074	8 1 8.7	20.052	(864.) B.
67	9	12 0 2.24	3.071	7 36 11.5	20.055	(817.) B.
68	9	12 3 28.02	3.068	7 30 49.1	20.052	IX. B. S.
69	9	12 3 51.59	3.067	8 12 15.9	20.052	X. Ll. S.
70	9. 10	12 4 10.72	3.068	7 46 15.8	20.052	(864.)
71	8	12 4 43.15	3.067	6 54 2.6	20.051	XI. Ll. B.
72	9. 10	12 6 23.09	3.066	8 48 26.8	20.047	XII. B.

I. (805) 0.00 +2.0; (864) +0.01 -2.0. **II.** (805) +0.02 +2.1; (877) -0.01 -2.1. **III.** (805) -0.02 +1.9; (864) +0.02 -1.9. **IV.** (805) -0.02 +1.9; (817) -0.06 -2.1; (864) +0.07 +0.2. **V.** (805) -0.02 +3.8; (816) +0.06 +1.2; (817) -0.04 -5.1. **VI.** (817) -0.03 -2.3; (864) +0.04 +2.3. **VII.** (805) +0.01 +2.8; (817) -0.08 -3.8; (864) +0.06 +1.1. **VIII.** (817) -0.04 +0.1; (864) +0.04 0.0. **IX.** (817) -0.01 -1.8; (864) +0.01 +1.8. **X.** (805) -0.03 +0.4; (817) +0.06 -0.4 **XI.** (805) -0.11 +2.3; (808) +0.11 -2.2. **XII.** (805) +0.03 +1.4; (817) -0.03 -1.4.

Nummer	Grösse	AR 1850			Präcession 1850	Declination 1850			Präcession 1850	Bemerkungen	
		h	′	″	″	°	′	″	″		
73	8	12	7	24.52	+ 3.064	+8	21	56.5	− 20.044	I.	B. S.
74	9. 10	12	8	11.37	3.064	8	16	48.4	20.042	(864.)	B.
75	8	12	8	48.17	3.063	8	11	17.5	20.039	II.	Ll. B.
76	9	12	10	4.31	3.062	8	29	53.9	20.036	III.	B.
77	9	12	11	33.23	3.062	7	50	20.9	20.030	IV.	B.
78	7	12	12	8.08	3.062	6	52	28.3	20.027	(805.)	B. S.
79	9	12	12	35.01	3.062	7	1	48.0	20.024	V.	B.
80	9	12	13	16.49	3.061	7	24	17.4	20.020	VI.	B. S.
81	9. 10	12	13	50.78	3.058	8	39	9.5	20.018	VII.	B. S.
82	9	12	14	30.11	3.058	8	24	10.8	20.015	VIII.	B.
83	8. 9	12	14	52.23	3.057	8	52	56.9	20.013	IX.	B.
84	9	12	15	0.46	3.059	7	13	6.9	20.012	(805.)	
85	9	12	15	26.90	3.058	7	40	34.8	20.009	(864.)	B.
86	7. 8	12	17	13.83	3.058	7	11	44.9	19.997	(864.)	B.
87	9. 10	12	17	44.81	3.058	6	44	23.9	19.993	(864.)	B.
88	7	12	19	41.69	3.054	8	4	18.1	19.981	(864.)	Ll. B. S.
89	7	12	19	43.95	3.054	7	58	45.1	19.980	(864.)	Ll. B.
90	9	12	19	49.10	3.054	8	12	47.0	19.979	(808.)	Ll. B.
91	10	12	20	24.66	3.052	8	46	5.4	19.975	(817.)	
92	8	12	20	31.45	3.054	7	55	25.9	19.974	(864.)	Ll. B.
93	9	12	21	55.49	3.055	7	4	9.7	19.963	(808.)	B.
94	9	12	25	39.42	3.053	6	36	38.6	19.930	(864.)	B.
95	7	12	26	53.27	3.047	8	33	47.7	19.917	(817.)	Ll. B. S.
96	9	12	31	46.32	3.043	8	23	56.1	19.861	X.	B. S.
97	9. 10	12	32	15.48	3.048	6	42	—	19.856	(808.)	B.

I. (805) −0.09 +0.1; (864) +0.09 −0.1. **II.** (805) −0.08 −0.4; (808) +0.05 −0.9; (817) −0.02 −0.2; (864) +0.07 +1.7. **III.** (805) 0.00 +2.8; (817) 0.00 −2.7. **IV.** (808) +0.05 −0.4; (817) +0.01 −0.8; (864) −0.06 +1.3. **V.** (805) −0.04 +0.7; (864) +0.05 −0.6. **VI.** (805) −0.01 +2.2; (808) +0.02 −2.0; (864) −0.01 −0.2. **VII.** (805) +0.04 +2.4; (817) +0.06 −3.0; (863) −0.09 +0.7. **VIII.** (805) −0.10 −0.8; (864) +0.10 +0.8. **IX.** (808) +0.12 −0.8; (863) −0.12 +0.9. **X.** (817) +0.10 −0.8; (863) −0.09 +0.8.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850.	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
98	8	12 32 58.96	+ 3.042	+ 8 31 27.5	- 19.847	(817.) Ll. B.
99	9	12 34 1.07	3.041	8 36 27.6	19.834	(817.) B.
100	9	12 36 49.72	3.037	8 49 13.5	19.796	I. B.
101	6. 7	12 39 25.47	3.044	6 46 23.2	19.758	(808.) Ll. B. R.
102	9	12 41 7.20	3.038	7 43 33.1	19.733	II. B.
103	9	12 43 0.80	3.031	8 54 43.6	19.703	(807.) Ll. B.
104	8	12 43 15.84	3.031	8 55 18.8	19.699	(807.) Ll. B.
105	7. 8	12 44 20.23	3.031	8 43 21.2	19.680	III. Ll. B. S.
106	9. 10	12 47 20.48	3.032	8 5 27.4	19.626	(817.)
107	9	12 52 54.07	3.022	8 59 39.0	19.522	(817.)
108	9	12 54 43.97	3.026	8 4 17.6	19.486	(817.)
109	9	13 9 19.04	3.008	8 55 45.4	19.145	(807.)
110	6	13 12 59.27	3.037	5 36 58.6	19.047	(865.) Ll. B.
111	8	13 22 29.19	3.020	6 6 38.7	18.770	(865.)
112	7	13 26 15.73	3.080	4 42 6.6	18.651	(865.) Ll. B.
113	8	13 26 23.62	3.030	4 41 33.5	18.647	(865.) Ll. B.
114	7. 8	13 27 34.11	3.015	6 20 35.2	18.608	(865.)
115	8	13 29 54.02	3.015	6 12 46.5	18.530	(865.)
116	7. 8	13 31 11.20	3.015	6 4 56.7	18.488	(365.)
117	7	14 46 11.87	2.940	8 18 22.8	15.009	(853.) Ll. B.
118	9	15 27 2.25	2.940	7 5 51.2	12.414	(853.)
119	8	15 29 9.00	2.927	7 43 16.1	12.267	(853.) B.
120	8	15 47 2.50	2.943	6 31 3.3	10.995	(853.)
121	8. 9	16 20 42.23	2.907	7 39 16.0	8.417	(855.)
122	6	16 22 29.82	2.936	6 18 12.0	8.278	IV. B.
123	8. 9	16 22 30.41	2.888	8 31 48.0	8.276	(854.) B.
124	8. 9	16 28 7.05	2.877	8 57 —	7.825	(873.) B.
125	7	16 31 46.09	2.984	4 0 15.4	7.532	(841.)

I. (807) +0.05 +1.2; (817) 0.00 -1.9; (863) -0.05 +0.7. II. (808) -0.02 +0.2; (817) +0.03 -0.1. III. (808) -0.03 -1.1; (817) +0.04 +1.1. IV. (842) +0.04 -3.7; (855) -0.04 +3.7.

+8° +9°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
126	8	16 32 8.54	+ 2.879	+ 8 46 18.4	− 7.492	I.
127	8	16 36 16.89	2.919	6 54 32.7	7.165	II. B. S.
128	8	16 36 36.72	2.875	8 52 15.2	7.137	(854.)
129	8	16 43 52.97	2.879	8 37 11.5	6.539	(854.)
130	8	16 46 7.39	2.886	8 20 53.8	6.353	(855.)
131	9	16 48 34.83	2.913	7 4 29.2	6.151	(875.)
132	8	16 49 5.75	2.869	8 59 41.7	6.106	III. B.
133	6	16 49 32.62	2.920	6 44 29.4	6.072	IV. Ll. B.
134	8	16 49 37.06	2.984	3 58 17.8	6.060	(841.)
135	7. 8	16 54 41.13	2.893	7 52 52.7	5.639	(843.) B. S.
136	9	16 58 25.40	2.926	6 22 52.5	5.316	(875.)
137	8	16 59 29.15	2.902	7 27 23.1	5.232	(856.) R.
138	8	16 59 51.82	2.944	5 35 23.0	5.202	(875.) B. S.
139	9	17 4 42.86	2.949	5 19 51.7	4.792	(876.)
140	9	17 5 5.13	2.878	8 26 31.7	4.733	(874.)
141	9	17 5 5.58	2.902	7 25 37.6	4.733	(856.) R.
142	7. 8	17 5 13.46	2.955	5 5 33.9	4.747	(876.) B.
143	8. 9	17 5 16.46	2.953	5 9 8.8	4.746	(876.)
144	7. 8	17 5 30.49	2.928	6 13 51.7	4.725	(842.) B.
145	7	17 5 56.10	2.951	5 15 56.5	4.687	(876.)
146	7. 8	17 6 22.80	2.934	5 59 23.3	4.642	V. B.
147	6	17 6 34.70	2.955	5 6 1.5	4.630	(876.) Ll. B.
148	7	17 7 37.95	2.949	5 22 14.6	4.544	(875.)
149	8	17 7 47.13	2.934	5 58 17.1	4.530	(875.)
150	8. 9	17 7 47.00	2.966	4 39 33.1	4.539	(876.)
151	8. 9	17 8 1.61	2.968	4 34 4.7	4.519	(876.)
152	9	17 8 16.48	2.934	5 58 43.2	4.480	(875.)
153	6	17 8 24.63	2.921	6 33 9.0	4.476	(842.) Ll.

I. (854) −0.01 +1.2; (874) +0.01 −1.1. II. (842) +0.04 −1.3; (875) −0.04 +1.3. III. (854) +0.05 0.0; (873) −0.04 —. IV. (855) +0.03 +1.3; (856) −0.02 +0.4; (875) 0.00 −1.7. V. (842) +0.01 +0.5; (875) 0.00 −0.5.

+3°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
154	7. 8	17 8 24.74	+ 2.957	+ 4 58 3.0	- 4.476	(841.) B.
155	7	17 8 32.91	2.910	7 0 58.0	4.462	I. S.
156	7	17 9 4.73	2.957	4 58 39.9	4.422	(841.) B.
157	8. 9	17 9 33.56	2.894	7 41 8.1	4.373	II.
158	6. 7	17 9 42.17	2.988	3 51 26.7	4.367	(876.) Ll. B.
159	8. 9	17 9 50.59	2.896	7 35 54.9	4.354	(843.)
160	8. 9	17 10 0.83	2.887	8 0 8.6	4.341	(874.)
161	6. 7	17 10 16.24	2.912	6 55 42.2	4.318	(856.) Ll. B. S.
162	5	17 10 35.27	2.995	3 18 38.8	4.291	III. Ll.
163	9. 10	17 11 37.08	2.984	3 47 5.1	4.203	(876.)
164	7. 8	17 12 15.75	2.911	6 56 30.6	4.148	(875.) B. S.
165	8. 9	17 12 18.59	2.887	7 58 53.4	4.144	(874.)
166	8. 9	17 13 57.40	2.964	4 38 28.2	4.003	(841.)
167	8. 9	17 14 39.86	2.916	6 42 12.5	3.941	(842.) B. R.
168	8	17 15 44.60	2.978	4 1 50.7	3.851	(841.) Ll. B.
169	8. 9	17 16 31.61	2.928	6 13 18.3	3.782	(842.) B.
170	8. 9	17 16 52.44	2.879	8 18 5.4	3.752	(843.) B.
171	7. 8	17 17 37.92	2.895	7 35 22.4	3.684	(874.)
172	9	17 19 39.49	2.985	3 42 15.0	3.506	(876.)
173	8. 9	17 22 44.12	2.962	4 42 34.0	3.246	(876.)
174	8. 9	17 24 36.88	2.946	5 24 55.6	3.083	(875.)
175	8	17 25 36.86	2.992	3 23 50.3	2.997	IV. B.
176	8. 9	17 26 41.97	2.941	5 35 39.5	2.990	(875.)
177	9. 10	17 27 1.02	2.986	3 40 57.0	2.875	(876.)
178	6. 7	17 27 4.71	2.916	6 37 45.4	2.871	(842.) Ll. S.
179	8. 9	17 27 40.88	2.880	8 12 12.4	2.819	V.
180	8	17 27 52.32	2.978	4 1 24.6	2.801	VI. Ll.
181	7. 8	17 28 33.10	2.925	6 16 34.9	2.744	(875.)

I. (842) +0.05 +0.1; (856) -0.05 -0.1. II. (843) +0.08 +0.4; (874) -0.08 -0.04.
III. (876) -0.04 +0.3; (877) +0.04 -0.3. IV. (841) +0.02 +0.7; (876) -0.01 -0.6.
V. (843) -0.01 +0.4; (874) +0.01 -0.3. VI. (841) +0.03 +0.4; (876) -0.03 -0.3.

+3° +9°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
182	7. 8	17 28 48.56	+ 2.906	+ 7 6 55.3	- 2.720	I. Ll. S.
183	8. 9	17 28 56.87	2.914	6 43 18.6	2.709	(842.)
184	8	17 29 5.34	2.922	6 24 54.2	2.699	(875.)
185	8. 9	17 30 27.36	2.918	6 33 38.7	2.587	(842.) B. S.
186	9	17 30 44.43	2.872	8 29 3.2	2.554	(874.)
187	9	17 32 31.69	2.904	7 9 6.3	2.392	(843.)
188	8. 9	17 34 9.34	2.931	6 1 30.2	2.256	(875.)
189	8. 9	17 34 19.41	2.890	7 45 32.5	2.242	(874.)
190	9	17 34 58.84	2.913	6 49 13.9	2.191	(856.) S.
191	8. 9	17 37 24 79	2.868	8 38 44.0	1.976	(825.)
192	7	17 38 35.16	2.931	5 58 22.1	1.871	(842.) Ll.
193	9	17 38 37.83	2.960	4 44 13.6	1.869	(876.)
194	8	17 39 37.39	2.909	6 54 7.6	1.869	(875.)
195	7	17 40 6.59	2.945	5 25 15.7	1.739	(876.)
196	6	17 40 34.75	2.941	6 27 41.8	1.698	(875.) R. S.
197	8. 9	17 41 5.80	2.908	6 55 42.3	1.653	(856.)
198	8	17 41 42.58	2.929	6 2 37.8	1.599	(875.) B.
199	7	17 41 59.53	2.926	6 12 51.1	1.572	(875.) B.
200	8. 9	17 42 11.41	2.933	5 52 45.9	1.556	(842.)
201	9. 10	17 42 16.84	2.861	8 56 58.0	1.551	(843.)
202	6. 7	17 43 19.40	2.900	7 16 49.7	1.448	(842.) S.
203	7. 8	17 43 36.31	2.926	6 10 44.1	1.435	(875.)
204	9	17 43 50.84	2.894	7 33 23.3	1.413	(856.)
205	8	17 44 29.49	2.896	7 27 16.2	1.356	(856.) S.
206	7	17 44 43.56	2.912	6 46 19.2	1.335	(842.) Ll.
207	6	17 45 28.45	2.866	8 41 18.8	1.269	(874.) Ll. B.
208	8	17 45 46.91	2.865	8 44 21.2	1.242	(874.) B.
209	7. 8	17 46 32.83	2.904	7 5 26.3	1.175	II. B.
210	9	17 48 36.55	2.964	4 33 48.5	0.994	(876.) B.

I. (843) +0.08 +0.9; (856) -0.07 -0.9. II. (842) -0.03 +1.7; (856) -0.05 -2.5; (875) +0.07 +0.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
211	8	17 50 55.59	+ 2.919	+ 6 27 46.5	- 0.793	(856.)
212	8. 9	17 52 14.35	2.877	8 14 16.0	0.680	(843.)
213	9	17 53 11.38	2.963	4 35 16.7	0.596	(876.)
214	8. 9	17 54 43.87	2.944	5 23 30.5	- 0.461	(876.) B.
215	8	18 15 56.81	2.991	3 25 29.4	+ 1.394	(880.)
216	8	18 17 12.71	2.907	7 — —	1.494	(843.)
217	7. 8	18 19 25.83	2.898	7 23 20.5	1.698	(843.) B.
218	9. 10	18 30 51.44	2.922	6 25 49.1	2.693	(827.)
219	9	18 31 53.11	2.926	6 24 39.6	2.732	(827.)
220	9	18 31 57.39	2.923	6 22 18.4	2.788	(827.)
221	9. 10	18 32 26.67	2.864	8 51 3.6	2.831	(826.) B.
222	9. 10	18 33 26.79	2.922	6 23 18.1	2.914	(827.)
223	9. 10	18 34 45.18	2.921	6 26 51.5	3.028	I.
224	8	18 36 44.09	2.958	4 51 27.1	3.200	(881.) Ll. B.
225	6	18 38 56.24	2.955	4 59 55.9	3.390	(881.) B. S.
226	9. 10	18 42 29.19	2.961	4 45 18.3	3.694	(881.)
227	8. 9	18 45 17.32	2.990	3 29 52.0	3.938	(847.)
228	9	18 52 19.91	2.982	3 54 36.7	4.540	(847.)
229	9. 10	18 58 10.75	2.912	6 57 41.5	5.036	(827.)
230	9	18 58 24.04	2.912	7 0 18.3	5.054	(827.) B.
231	9	19 2 48.83	2.915	6 52 55.4	5.429	(827.)
232	10	19 3 0.28	2.879	8 26 41.5	5.445	(826.) B.
233	8	19 3 54.33	2.969	4 31 12.8	5.520	(881.)
234	6	19 4 28.39	2.968	4 33 41.8	5.567	(881.)
235	9	19 5 48.77	2.930	6 16 14.6	5.680	II.
236	9. 10	19 8 12.35	2.915	6 57 20.7	5.880	(882.) B.
237	9. 10	19 8 38.03	2.889	8 5 55.3	5.917	(826.)
238	8	19 10 28.46	2.884	8 20 54.6	6.070	III. B.

I. (827) -0.08 +0.9; (882) +0.09 -0.9. II. (848) -0.03 -1.6; (882) +0.04 +1.6.
III. (826) -0.05 -0.4; (849) +0.02 -1.0; (883) +0.04 +1.5.

+3° +9°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
239	8. 9	19 12 25.31	+ 2.893	+ 7 55 5.0	+ 6.231	I. B.
240	9	19 15 32.86	2.891	8 5 10.7	6.491	(849.)
241	7. 8	19 16 57.51	2.876	8 44 15.2	6.609	(883.)
242	8. 9	19 21 24.75	3.005	3 1 47.2	6.973	(880.)
243	9. 10	19 23 4.20	2.897	7 54 46.7	7.110	(883.)
244	9	19 34 25.66	2.987	3 52 5.7	8.030	(847.)
245	8. 9	19 35 36.28	2.890	8 24 48.5	8.125	(883.)
246	7	19 36 22.90	2.998	3 24 14.8	8.188	(862.)
247	8	19 38 56.00	2.987	3 56 14.4	8.391	II. S.
248	8	19 39 3.84	2.994	3 34 30.8	8.401	(847.) S.
249	8. 9	19 39 55.19	2.992	3 42 11.2	8.468	(862.)
250	8	19 42 25.38	2.978	4 24 27.5	8.665	(861.)
251	7. 8	19 48 17.50	2.978	4 26 40.5	9.127	(861.)
252	8	19 49 20.15	2.895	8 23 29.3	9.209	(849.) S.
253	8	19 52 13.00	3.002	3 19 47.4	9.432	(862.)
254	9	19 52 55.38	2.921	7 14 13.9	9.485	(832.)
255	8	20 1 55.16	2.995	3 46 1.8	10.171	(862.)
256	7. 8	20 12 45.50	3.008	3 13 31.9	10.978	(862.) Ll. S.
257	8	20 19 20.56	3.013	3 1 37.6	11.455	(862.)
258	7	20 22 26.32	3.012	3 4 1.3	11.676	(862.)
259	7	20 26 51.40	3.010	3 15 8.0	11.988	(862.)
260	7. 8	20 28 50.21	3.008	3 23 36.4	12.127	(862.)
261	7. 8	20 33 38.85	3.014	+ 3 6 46.9	+ 12.461	(862.)
				-3° bis -9°		Suppl.-Bd IX.
262	7	9 1 1.39	2.968	− 5 1 36.2	− 14.241	(834.) B.
263	8	9 1 35.70	2.986	5 7 51.9	14.278	(834.) B.
264	6	9 4 30.51	3.007	3 56 34.2	14.456	(834.) Ll. B.
265	7	9 4 51.75	3.004	4 6 35.3	14.478	(834.) Ll. B.
266	9	9 5 41.81	3.005	4 3 2.1	14.529	(834.)

I. (826) +0.02 +0.3; (883) -0.01 -0.3. II. (847) +0.08 +1.7; (862) -0.07 -1.7.

-3° -9°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
267	9	9h 8′ 20″.46	+ 2″.988	- 5° 10′ 42″.6	- 14″.687	(834.)
268	7	9 8 38.36	3.003	4 14 40.5	14.705	(834.)
269	9	9 10 24.89	2.983	5 34 20.5	14.810	I.
270	10	9 12 53.51	2.987	5 21 27.7	14.955	(802.)
271	8	9 13 8.18	3.001	4 29 12.3	14.970	(834.) Ll. B.
272	7. 8	9 14 10.28	3.010	3 53 42.1	15.029	(834.) B.
273	5. 6	9 15 20.62	3.003	4 24 6.5	15.097	(834.) Ll. B.
274	8	9 15 21.99	3.006	4 12 57.8	15.099	(834.) Ll. B.
275	8. 9	9 16 25.64	3.011	3 53 31.5	15.159	(835.)
276	8	9 16 33.68	2.996	4 53 21.9	15.167	(834.) B.
277	6	9 17 54.02	3.003	4 28 19.8	15.243	(835.) Ll. B.
278	9. 10	9 18 42.51	3.005	4 19 2.6	15.289	(834.)
279	8	9 19 56.70	2.998	4 47 20.8	15.361	(834.)
280	5	9 20 20.56	2.989	5 25 3.5	15.382	(835.) B.
281	8. 9	9 20 24.18	3.001	4 50 30.6	15.386	(834.) B.
282	8. 9	9 20 30.47	2.994	5 1 12.0	15.391	(835.) B.
283	8. 9	9 22 7.18	2.968	6 50 28.5	15.482	(802.) Ll. B.
284	6	9 23 25.89	2.997	5 0 24.4	15.553	II. Ll. B.
285	7	9 24 21.21	3.006	4 25 11.9	15.604	(834.) Ll.
286	9. 10	9 24 32.08	3.006	4 25 25.7	15.614	(834.)
287	9. 10	9 24 47.06	2.996	5 6 31.7	15.629	(835.)
288	7. 8	9 25 44.61	3.016	3 44 52.9	15.679	(835.) Ll. B.
289	6	9 25 54.25	2.975	6 31 37.2	15.689	(802.) Ll. B.
290	8. 9	9 25 55.30	2.985	5 50 48.4	15.691	III. B.
291	7	9 27 31.45	3.010	4 13 20.8	15.777	(834.) Ll. B.
292	6	9 27 37.05	3.003	4 42 3.4	15.783	IV. Ll. B.
293	9	9 28 25.53	3.003	4 42 47.1	15.826	V. Ll. B.
294	8	9 28 33.64	3.002	4 44 34.1	15.833	VI. Ll. B.

I. (802) -0.01 -2.3; (834) +0.01 +2.2. **II.** (834) +0.04 +3.4; (835) -0.03 -3.4. **III.** (802) -0.05 -2.1; (834) +0.06 +2.0. **IV.** (834) +0.04 -0.1; (835) -0.03 +0.1. **V.** (834) +0.01 -0.6; (835) 0.00 +0.6. **VI.** (834) +0.03 -1.6; (835) -0.02 +1.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
295	9. 10	9 29 41.00	+ 2.966	- 7 17 25.0	- 15.894	(802.)
296	9. 10	9 30 12.78	3.013	4 2 58.4	15.922	(834.) Ll.
297	7	9 31 41.59	3.007	4 29 36.5	16.000	(834.)
298	7	9 32 34.99	3.019	3 42 4.8	16.047	(834.) B.
299	7. 8	9 35 44.99	2.988	5 56 50.2	16.212	(802.) B.
300	7	9 36 58.44	3.016	3 58 16.5	16.275	(834.) Ll. B.
301	8. 9	9 37 25.41	2.988	6 1 1.3	16.297	(802.) Ll.
302	6. 7	9 43 53.00	2.999	5 29 1.3	16.620	(802.) B.
303	6	9 48 4.77	3.016	4 15 57.0	16.823	(834.) Ll. B.
304	9. 10	9 48 11.29	3.017	4 12 14.7	16.828	(834.) B.
305	7	9 48 20.06	2.967	8 7 41.2	16.834	(803.) Ll. B.
306	9	9 49 15.55	2.967	8 7 43 5	16.878	(803.) Ll.
307	7	9 49 18.78	3.006	5 4 21.8	16.881	(834.) B.
308	8. 9	9 50 0.73	2.977	7 27 47.3	16.913	(803.)
309	9	9 50 31.14	2.998	5 44 30.1	16.937	(834.) B.
310	8	9 51 28.38	3.024	3 44 49.1	16.982	(834.) B.
311	7	9 52 31.46	3.018	4 17 44.9	17.031	I. Ll.
312	9	9 52 36.54	3.014	4 34 48.0	17.035	(834.)
313	8. 9	9 53 15.09	2.992	6 22 43.1	17.072	(802.) Ll. B.
314	7. 8	9 54 14.12	3.017	4 24 30.4	17.110	II. Ll.
315	7. 8	9 55 40.49	2.972	8 9 49.2	17.175	(803.) B.
316	9	9 55 43.95	2.999	5 54 58.7	17.178	III. B.
317	8	9 58 23.08	3.015	4 41 41.8	17.297	IV. B.
318	9	9 59 31.25	3.004	5 38 46.2	17.347	(802.)
319	8	10 0 6.67	3.004	5 42 45.0	17.372	(802.) B.
320	9	10 1 0.34	2.989	6 58 46.3	17.412	(802.) B.
321	5	10 2 40.36	2.982	7 40 22.6	17.483	(803.) Ll. B.
322	5. 6	10 3 28.40	2.983	7 40 50.0	17.518	(803.) Ll. B.
323	7. 8	10 3 41.30	2.999	6 18 22.0	17.527	(802.) B.

I. (834) +0.04 +1.9; (835) -0.04 -2.0. **II.** (834) -0.05 -0.5; (835) +0.05 +0.5.
III. (834) +0.04 +1.9; (835) -0.04 -2.0. **IV.** (834) -0.07 +1.4; (835) +0.07 -1.4.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
324	8	10 3 57.71	+ 3.009	- 5 26 16.5	- 17.539	I.
325	8	10 4 43.85	3.022	4 20 37.1	17.570	(836.) B.
326	8	10 5 41.23	3.021	4 28 33.0	17.611	II. B.
327	7. 8	10 5 48.50	2.984	7 42 12.7	17.616	(803.) Ll.
328	6	10 6 36.42	3.015	4 — —	17.649	(835.)
329	8	10 7 56.50	3.013	5 14 55.0	17.705	III. B.
330	7	10 8 44.94	3.015	5 4 57.8	17.737	IV. Ll. B.
331	7. 8	10 8 50.43	3.022	4 30 43.0	17.741	(835.) B.
332	9	10 9 19.18	3.015	5 5 35.4	17.760	V. B.
333	8. 9	10 10 29.75	3.013	5 24 35.0	17.809	(836.)
334	8. 9	10 10 33.97	3.010	5 40 26.1	17.811	VI. B.
335	9	10 11 23.35	3.010	5 36 44.3	17.844	(834.)
336	8. 9	10 11 54.10	3.019	4 52 56.3	17.864	(834.) Ll. B.
337	6	10 12 2.73	3.023	4 28 29.8	17.870	VII. Ll. B.
338	9	10 12 32.80	3.025	4 21 18.7	17.889	(836.)
339	7	10 13 7.21	3.013	5 26 21.7	17.912	VIII. Ll. B.
340	8. 9	10 15 6.31	3.023	4 37 55.3	17.990	IX.
341	8	10 15 15.58	3.009	5 59 49.0	17.996	X. B.
342	8. 9	10 15 16.88	3.011	5 46 5.6	17.997	XI.
343	9	10 16 23.93	3.004	6 29 59.2	18.040	(802.) B.
344	9. 10	10 17 18.69	3.012	5 47 16.5	18.075	(834.)
345	8	10 17 44.05	3.032	3 51 9.8	18.090	XII. B.
346	7. 8	10 19 59.91	3.034	3 40 —		XIII. B.
347	8. 9	10 21 9.65	3.025	4 39 8.4	18.218	(835.) B.

I. (834) -0.10 +0.9; (836) +0.10 -1.0. **II.** (834) +0.01 -1.6; (835) 0.00 +1.5. **III.** (834) -0.08 +0.4; (836) +0.08 -0.4. **IV.** (834) -0.07 -0.6; (836) +0.07 +0.6. **V.** (834) -0.04 +1.4; (836) +0.04 -1.5. **VI.** (802) +0.04 -3.3; (834) +0.02 +1.0; (835) -0.05 +2.2. **VII.** (835) -0.05 +0.3; (836) +0.10 +1.3; (837) -0.05 -1.6. **VIII.** (802) -0.01 -1.4; (834) +0.01 +1.3. **IX.** (834) +0.05 +1.3; (837) -0.04 -1.4. **X.** (802) +0.10 0.0; (836) -0.04 —; (838) -0.07 —. **XI.** (835) -0.10 +1.0; (836) +0.11 -1.1. **XII.** (835) -0.04 +1.7; (836) +0.04 +0.8; (837) +0.03 -0.1; (838) -0.04 -2.4. **XIII.** (834) -0.01 +2.8; (837) +0.04 +0.2; (838) -0.04 -3.1.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
348	9	10 21 35.05	+ 3.024	- 4 45 3.5	- 18.233	(836.) B.
349	7	10 22 13.15	3.037	3 31 —	18.256	(839.) B.
350	8	10 23 8.32	3.031	4 4 29.0	18.289	I. B.
351	9	10 23 27.00	3.011	6 13 45.4	18.300	(802.) B.
352	6	10 25 39.78	3.027	4 35 6.4	18.378	II. B.
353	8. 9	10 28 54.89	3.034	4 3 8.8	18.491	III. B.
354	8	10 31 26.46	3.018	5 53 —	18.575	(835.)
355	6. 7	10 31 43.04	3.023	5 25 52.0	18.585	IV. B.
356	8. 9	10 32 53.01	3.021	5 41 59.5	18.623	(836.)
357	8	10 33 17.04	3.029	4 45 46.5	18.636	V. B.
358	9	10 33 56.67	3.036	4 0 45.7	18.657	(838.)
359	8. 9	10 34 29.93	3.030	4 45 58.9	18.675	(837.) S.
360	8	10 34 55.47	3.028	5 1 42.3	18.688	VI. B.
361	8	10 35 24.59	3.020	6 — —	18.704	(838.)
362	7	10 35 27.22	3.040	3 37 —	18.706	(839.) Ll. B.
363	8. 9	10 36 6.31	3.022	5 47 37.2	18.726	VII.
364	7. 8	10 36 8.03	3.022	5 48 28.2	18.727	VIII.
365	7. 8	10 36 8.03	3.038	3 52 3.5	18.727	(840.)
366	8. 9	10 36 31.60	3.031	4 45 9.6	18.379	IX.
367	8	10 38 10.29	3.026	5 29 17.3	18.790	(837.)
368	7. 8	10 38 38.64	3.036	4 11 23.1	18.804	(840.)
369	6. 7	10 39 13.97	3.034	4 35 33.1	18.822	X. Ll. B.
370	9	10 41 3.18	3.040	3 23 51.0	18.876	(838.) B.
371	8	10 42 39.94	3.033	4 51 40.5	18.923	XI.

I. (834) 0.00 +1.8; (836) +0.01 0.0; (837) -0.01 -1.9. **II.** (834) +0.02 -0.9; (835) -0.08 +0.3; (836) +0.07 +1.4; (837) -0.06 -1.5; (838) +0.02 -1.9; (839) +0.02 +2.5. **III.** (835) +0.03 +1.7; (836) -0.03 +0.8; (838) 0.00 -2.4. **IV.** (835) -0.06 +0.8; (839) +0.07 +0.1; (840) -0.01 -0.9. **V.** (837) -0.07 -0.1; (840) +0.08 +0.1. **VI.** (839) +0.02 +1.0; (840) -0.02 -1.0. **VII.** (837) -0.02 +1.6; (838) -0.03 -1.6. **VIII.** (837) 0.00 -0.9; (838) 0.00 +0.9. **IX.** (836) -0.05 +0.9; (839) +0.03 -0.9. **X.** (836) -0.11 +2.5; (837) +0.02 -0.4; (838) -0.01 -1.6; (839) +0.02 +0.8; (840) +0.06 -1.1. **XI.** (837) +0.07 +1.1; (838) -0.06 -1.2.

-3° -9°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
372	8	10 43 2.69	+ 3.024	- 6 — —	- 18.934	(840.)
373	7	10 43 37.74	3.032	5 5 53.5	18.951	(840.)
375	8. 9	10 44 20.63	3.022	6 23 27.3	18.971	(802.) Ll.
375	5	10 45 16.76	3.026	6 0 —	18.994	(837) Ll. B.
376	9	10 46 21.33	3.028	5 27 53.9	19.028	(838.)
377	8. 9	10 47 43.66	3.034	5 3 14.0	19.066	(840.) B.
378	8	10 47 47.98	3.027	6 1 47.6	19.068	(802.) Ll. B.
379	8	10 47 49.82	3.026	6 9 42.1	19.069	(802) Ll.
380	8	10 48 22.61	3.028	5 49 40.8	19.083	(837.)
381	8	10 49 4.11	3.042	4 0 8.1	19.102	I. B.
382	8	10 49 32.63	3.030	5 41 49.5	19.114	II.
383	8. 9	10 50 3.83	3.043	3 59 52.6	19.128	III.
384	8	10 51 0.18	3.032	5 33 15.0	19.152	IV. B.
385	8	10 51 42.15	3.039	4 35 47.3	19.170	V.
386	7	10 53 32.79	3.038	4 53 7.0	19.217	VI. Ll. B.
387	8	10 54 9.58	3.034	5 28 25.3	19.232	VII.
388	9	10 55 19.43	3.015	8 31 16.2	19.261	(803.) B.
389	7. 8	10 55 23.11	3.044	4 9 18.8	19.262	VIII. B.
390	7	10 56 27.02	3.035	5 37 56.4	19.289	IX. B.
391	8	10 57 52.10	3.036	5 37 51.7	19.322	X. B.
392	8. 9	10 58 5.05	3.042	4 35 2.7	19.327	(837.) Ll. B.
393	7. 8	10 58 25.27	3.042	4 34 13.5	19.334	(837.) Ll. B.
394	9	10 59 18.14	3.036	5 43 14.3	19.355	(838.)
395	9	10 59 34.17	3.038	5 17 47.7	19.362	XI.

I. (836) -0.07 +1.0; (837) +0.13 +0.1; (838) -0.06 -1.1. II. (802) +0.04 -1.9; (840) -0.03 +2.0. III. (837) +0.12 -2.9; (838) -0.07 -0.0; (836) -0.05 +3.0. IV. (837) +0.09 -0.4; (838) -0.08 +0.3. V. (837) +0.02 +0.6; (838) -0.02 -0.7. VI. (837) +0.06 -0.8; (838) -0.03 -1.1; (839) -0.05 +0.3; (840) +0.01 +1.4. VII. (837) -0.02 +0.4; (839) +0.02 -0.4. VIII. (837) -0.02 -0.5; (839) -0.04 +2.7; (840) +0.06 -2.2. IX. (837) -0.02 +0.3; (840) +0.02 -0.4. X. (838) -0.04 -1.1; (839) +0.08 +1.4; (840) -0.04 -0.4. XI. (838) -0.03 -1.0; (839) +0.06 +1.4; (840) -0.04 -0.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
396	8. 9	10 59 43.72	+ 3.023	- 7 47 25.6	- 19.365	(803.)
397	8	11 0 41.48	3.038	5 29 51.8	19.386	(837.)
398	9	11 0 50.84	3.053	3 — —	19.390	(839.)
399	8. 9	11 1 13.11	3.039	5 19 32.7	19.399	I. B.
400	8	11 2 2.54	3.039	5 21 12.5	19.417	II. B.
401	7. 8	11 2 55.61	3.023	8 12 42.4	19.436	(803.) Ll. B.
402	9. 10	11 3 14.83	3.041	5 11 15.3	19.443	(839.)
403	8	11 3 42.26	3.048	4 1 45.2	19.453	(837.) B.
404	8	11 7 12.50	3.048	4 14 34.2	19.525	III.
405	8. 9	11 7 30.83	3.026	8 17 47.3	19.531	(803.)
406	8	11 8 50.90	3.049	4 10 47.4	19.558	(840.)
407	8	11 9 27.63	3.040	5 51 27.5	19.569	(837.)
408	8. 9	11 9 59.95	3.047	4 33 37.5	19.580	IV.
409	8	11 12 28.63	3.050	4 24 43.8	19.625	V. B.
410	8	11 12 37.96	3.032	8 2 40.1	19.627	(803.) Ll.
411	8	11 15 23.95	3.046	5 30 20.7	19.675	(840.)
412	8. 9	11 15 31.93	3.050	4 31 2.6	19.678	VI.
413	8	11 17 57.48	3.058	3 — —	19.718	(840.)
414	8	11 23 44.14	3.051	5 21 6.6	19.804	(840.)
415	6. 7	11 24 52.90	3.054	4 34 20.5	19.820	(840.) Ll. B.
416	5. 6	11 27 6.64	3.037	4 7 30.4	19.848	(840.) B.
417	8	11 27 13.29	3.054	4 49 14.0	19.850	VII.
418	9	11 28 18.02	3.057	4 13 39.1	19.863	(838.)
419	6	11 33 12.63	3.058	4 21 57.5	19.918	(838.) Ll. B.
420	8. 9	11 34 13.24	3.057	5 12 27.4	19.928	(838.)
421	9	11 36 43.25	3.057	5 43 26.6	19.952	(838.)
422	8	11 37 10.34	3.062	3 45 27.9	19.955	(840.) B.

I. (838) -0.02 -1.3; (839) +0.06 +1.1; (840) -0.03 +0.2. **II.** (838) -0.05 -0.3; (840) +0.06 +0.2. **III.** (839) -0.01 +0.9; (840) +0.02 -1.0. **IV.** (838) -0.05 -0.3; (840) +0.05 +0.2. **V.** (837) +0.11 +1.6; (838) -0.18 -0.6; (840) +0.06 -1.0. **VI.** (837) +0.10 +0.1; (838) -0.09 -0.2. **VII.** (838) -0.02 -0.4; (840) +0.03 +0.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
423	7. 8	11 41 27.16	+ 3.062	- 4 56 53.4	- 19.989	(840.) Ll.
424	9	12 40 48.34	3.108	8 56 49.3	19.738	(821.)
425	7	12 42 21.07	3.100	6 48 50.8	19.714	(822.) Ll.
426	9	12 42 56.68	3.100	6 49 2.0	19.704	(822.) Ll.
427	9	12 44 17.17	3.105	7 42 24.9	19.681	(822.)
428	8. 9	12 44 58.39	3.107	7 53 31.9	19.670	(822.) Ll.
429	7	12 45 49.33	3.109	8 14 49.6	19.655	(822.) Ll. B.
430	4	12 46 33.30	3.112	8 43 23.8	19.642	I. Ll. R.
431	9	12 47 12.54	3.111	8 21 45.5	19.630	(822.) Ll. B.
432	7	12 49 31.01	3.111	8 5 52.1	19.589	(822.) Ll. B.
433	8. 9	12 50 8.49	3.102	6 19 —	19.578	(822.) Ll. B.
434	9	12 52 36.08	3.112	7 49 50.0	19.529	(822.) B.
435	9. 10	12 52 41.07	3.112	7 49 6.0	19.528	(822.) B.
436	9. 10	12 53 35.82	3.112	7 37 39.4	19.509	(822.) B
437	8. 9	12 53 51.68	3.119	8 49 53.6	19.503	(821.) Ll. B.
438	9. 10	12 55 16.47	3.110	7 7 6.0	19.474	(822.)
439	10	12 55 33.48	3.113	7 29 41.7	19.468	(822.)
440	6	13 1 24.66	3.125	8 44 18.8	19.338	(821.) Ll. B. R.
441	9	13 4 37.46	3.119	7 31 1.1	19.262	(822.) B.
442	9	13 5 24.25	3.124	8 8 1.9	19.243	(822.) B.
443	9	13 7 18.28	3.130	8 45 28.2	19.195	(822.)
444	8	13 7 41.11	3.120	7 15 44.3	19.186	(822.) Ll. B. R.
445	8. 9	13 9 7.97	3.123	7 36 43.4	19.149	(822.) Ll. B.
446	9. 10	13 9 21.89	3.122	7 32 25.2	19.143	(822.)
447	7	13 9 53.68	3.127	7 56 18.0	19.129	(822.) Ll. B. R.
448	9. 10	13 11 19.31	3.130	8 22 8.4	19.092	(822.) B.
449	8. 9	13 11 56.67	3.131	8 18 53.5	19.075	(822.) Ll. B.
450	9. 10	13 12 30.76	3.131	8 16 9.6	19.060	(822.) Ll. B.
451	9. 10	13 14 32.44	3.121	6 43 20.4	19.004	(822.) B.
452	9. 10	13 15 56.14	3.129	7 43 21.0	18.964	(822.) B.

I. (821) -0.03 -0.1 ; (822) +0.04 +0.1.

-3° .9°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
453	8	13 17 31.22	+ 3.123	− 6 47 58.0	− 18.918	(822.) B. } Doppelst.
454	10	13 17 31.70	3.123	6 47 57.0	18.918	(822.) B.
455	9. 10	13 19 38.23	3.138	8 24 38.7	18.856	(822.)
456	9	13 21 29.50	3.136	8 0 25.1	18.800	(822.) B.
457	9. 10	13 22 27.01	3.135	7 48 53.8	18.772	(822.)
458	9	13 22 42.78	3.143	8 47 14.8	18.764	(821.) R.
459	8. 9	13 23 40.06	3.131	7 13 40.0	18.733	(822.) B.
460	9. 10	13 24 27.58	3.132	7 16 23.6	18.709	(822.)
461	9	13 25 10.34	3.125	6 24 —	18.686	(822.) Ll. B.
462	9	13 26 0.75	3 122	6 — —	18.659	(822.)
463	9	13 26 55.74	3.133	7 13 54.8	18.630	(822.) B.
464	9	13 28 7.77	3 141	7 48 37.9	18.590	(822.) B.
465	9. 10	13 32 2.90	3.143	7 56 1.5	18.459	(822.)
466	8. 9	13 33 4.97	3.144	7 54 20.0	18.423	(822.) Ll B. R.
467	5	13 33 44.54	3.145	7 56 33.5	18.399	(822.) Ll. B. R.
468	9. 10	13 35 7.10	3.131	6 31 —	18.350	(822.) B.
469	9. 10	13 35 34.85	3.127	6 — —	18.334	(822.)
470	8. 9	13 37 41.69	3.157	8 50 —	18.259	(822.) Ll. B.
471	9	13 38 28.53	3.145	7 40 55.4	18.231	(822.) B.
472	8	14 34 47.12	3.148	5 19 19.0	15.651	(823.)
473	9. 10	14 34 48.46	3.148	5 19 35.0	15.651	(823.)
474	7	14 36 29.54	3.155	5 44 55.4	15.557	(823.) B.
475	4	15 26 20.68	3.230	8 40 27.8	12.461	(824.) Ll. B.
476	8	15 26 40.34	3.210	7 36 31.5	12.439	(824.) B.
477	8. 9	15 31 2.04	3.221	8 4 9.9	12.137	(824.) Ll. B.
478	9	15 37 46.46	3.234	8 33 37.1	11.661	(824.)
479	8. 9	15 38 27.87	3.227	8 12 25.6	11.612	(824.) B.
480	6. 7	15 39 10.67	3.224	7 58 55.5	11.562	(824.) B.
481	9	15 39 40.74	3.211	7 24 35.8	11.526	(824.)
482	7. 8	15 43 48.06	3.226	7 56 8.1	11.229	(824.) Ll. B.
483	7. 8	15 51 49.17	3.218	7 27 19.4	10.640	(824.) B.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
484	9	15 58 50.02	+ 3.224	- 7 34 39.0	- 10.115	(824.)
485	9	16 0 42.22	3.192	6 — —	9.973	(824.)
486	9	16 4 47.93	3.239	8 12 33.6	9.662	(824.) B.
487	9	16 8 4.90	3.226	7 33 26.1	9.409	(824.) R.
488	8	16 14 56.25	3.225	7 22 16.7	8.875	(824.)
489	8	16 15 49.00	3.229	7 33 9.7	8.805	(824.)
490	8	16 16 47.34	3.223	7 16 19.8	8.728	(824.) B.
491	6	17 27 40.81	3.210	6 1 9.3	2.819	(845.) Ll. B
492	8	17 27 52.09	3.210	6 1 39.6	2.803	(845.) B.
493	7. 8	17 37 45.95	3.229	6 47 0.0	- 1.943	(845.)
494	9	18 14 26.30	3.190	5 7 47.2	+ 1.261	(845.) B.
495	7	18 18 53.55	3.218	6 19 22.3	1.650	(845.) Ll. B.
496	9	18 37 30.41	3.249	7 43 45.9	3.266	(871.) B.
497	7. 8	18 43 4.08	3.258	8 7 0.6	3.748	(830.) Ll.
498	8	18 43 13.69	3.220	6 31 22.9	3.759	(872.)
499	8	18 43 14.67	3.220	6 31 2.9	3.759	(872.)
500	8	18 44 8.20	3.277	8 56 54.9	3.838	(871.) B.
501	8	18 44 12.15	3.155	3 41 —	3.844	(846.) S
502	10	18 45 5.87	3.237	7 15 2.3	3.920	(872)
503	9. 10	18 45 26.41	3.259	8 11 20.6	3.950	(830.) B.
504	8	18 45 41.85	3.178	5 43 23.8	3.972	(831.)
505	8. 9	18 46 3.77	3.258	8 9 42.4	4.003	(830.) B.
506	9. 10	18 51 35.68	3.213	6 16 20.6	4.476	(831.)
507	8. 9	18 53 18.76	3.256	8 7 12.0	4.623	(830.)
508	8	18 56 2.10	3.271	8 47 24.2	4.855	I. B.
509	9	19 0 26.71	3.248	7 49 56.4	5.224	(830.)
510	8	19 0 41.57	3.245	7 42 7.4	5.247	(872.) B.
511	9	19 1 12.95	3.212	6 17 21.1	5.293	(831.) B.
512	8. 9	19 7 52.72	3.233	7 16 32.3	5.853	(830.) B.
513	7	19 14 23.72	3.237	7 29 56.6	6 394	(830.)

I. (830) -0.02 -0.5; (871) +0.02 +0.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
514	7. 8	19 14 36.81	+ 3.235	- 7 24 34.5	+ 6.413	(830.)
515	9	19 15 0.95	3.237	7 29 4.6	6.447	(830.)
516	9	19 16 11.29	3.183	5 7 14.5	6 544	(846.)
517	9	19 16 56.86	3.252	8 11 33.1	6.608	(830.)
518	9	19 18 49.21	3.248	8 6 52.4	6.762	(830.)
519	8	19 32 15.98	3.204	6 11 29.4	7.857	(831.) B.
520	9	19 32 22.54	3.242	7 57 18.2	7.866	(830.)
521	8. 9	19 37 56.74	3.258	8 45 34.1	8.312	(830.)
522	8. 9	19 41 4.58	3.246	8 15 12.4	8.559	(830.) B.
523	9	19 41 28.37	3.249	8 24 24.6	8.590	(830.)
				+9° bis +15°		Suppl.-Bd. XI
524	6. 7	10 50 21.39	3.144	+10 30 8.3	- 19.135	(806.) Ll. B. R.
525	7. 8	11 0 17.37	3.130	9 50 4.3	19.378	(806.) Ll. B.
526	7. 8	11 4 54.22	3.130	10 40 51.0	19.478	(806.) Ll. B.
527	7. 8	11 11 19.22	3.123	10 34 13.6	19.604	(806.) Ll. B. R
528	7	11 14 3.98	3.116	9 59 26.9	19.654	(806.) B. R.
529	9	11 16 43.27	3.115	10 18 51.4	19.698	(806.)
530	8	11 27 52.13	3.103	10 24 34.9	19.857	(806.) B.
531	7. 8	11 29 59.80	3.098	9 5 24.0	19.883	(806.) Ll. B. R.
632	9	11 31 40.72	3.097	9 46 19.0	19.902	(806.) B. R.
533	6. 7	11 32 57.79	3.096	9 30 13.0	19.915	I. Ll. B.
534	8	11 33 45.37	3.096	9 50 42.7	19.924	II.
535	8	11 37 9.92	3.094	9 50 55.5	19.955	(863.)
536	8	11 38 20.49	3.094	9 59 1.6	19.965	(863.)
537	8	11 42 46.47	3.089	10 36 41.1	19.998	III. Ll. B.
538	8. 9	11 44 19.46	3.087	10 2 27.4	20.008	(863.)
539	8	11 45 9.67	3.085	9 20 22.8	20.013	(863.) Ll. B
540	8	11 45 40.84	3.086	10 53 5.6	20.016	(818.)

I. (806) +0.02 +1.5; (807) +0.12 -0.3; (863) -0.13 -1.3.. II. (806) +0.07 +2.9; (863) -0.06 -2.9. III. (806) -0.02 +0.5; (818) +0.02 -0.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
541	9. 10	11 46 26.07	+ 3.083	+ 9 11 40.3	− 20.020	(816.) Ll. B.
542	8	11 46 25.94	3.085	10 43 48.3	20.020	I. Ll.
543	8. 9	11 46 28.46	3.084	9 44 14.1	20.020	II.
544	7. 8	11 46 40.59	3.085	10 53 5.6	20.021	(806.) Ll. B.
545	8. 9	11 47 45.60	3.085	9 57 52.8	20.027	(863.) B.
546	8	11 49 11.70	3.083	11 21 45.9	20.033	(819.) Ll. B.
547	8. 9	11 50 59.18	3.080	10 11 5.9	20.039	(863.)
548	8	11 55 16.67	3.075	9 33 7.4	20.051	III.
549	8. 9	11 55 39.71	3.074	9 8 42.7	20.051	(863.)
550	8. 9	11 57 14.79	3.073	9 33 0.7	20.053	(806.) B. R.
551	7. 8	11 57 23.51	3.074	10 4 36.7	20.054	IV. Ll. B.
552	3. 4	11 57 33.76	3.072	9 34 0.1	20.054	V. B.
553	9	11 59 36.02	3.071	11 22 16.9	20.055	(818.) Ll. B. R.
554	8. 9	12 1 57.76	3.068	12 2 49.6	20.055	(819.) Ll. B.
555	8. 9	12 3 38.81	3.067	9 26 9.2	20.053	VI. Ll. B. R.
556	8	12 5 7.49	3.063	11 56 48.3	20.050	(819.) Ll. B. R.
557	6	12 5 33.80	3.063	11 40 40.6	20.049	(819.) Ll. B.
558	5	12 5 47.53	3.064	11 5 55.2	20.048	(819.) Ll. B.
559	9	12 6 6.25	3.064	10 34 41.1	20.048	(806.)
560	7. 8	12 6 11.14	3.065	9 48 32.9	20.047	(818.) Ll.
561	9	12 6 18.67	3.065	9 55 44.1	20.047	(818.) Ll.
562	8	12 8 3.68	3.061	11 42 5.6	20.042	(819.) Ll. B.
563	9	12 10 0.05	3.058	12 2 59.4	20.036	(819.) B.
564	9	12 10 50.82	3.060	9 31 11.1	20.033	VII. Ll.
565	10	12 10 55.59	3.057	11 42 7.5	20.032	(819.) S.
566	8	12 11 44.75	3.083	10 17 50.6	20.028	(863.) R.
567	8	14 14 37.02	3.054	10 40 44.7	20.014	VIII. Ll. B. R.

I. (806) −0.06 +1.9; (807) +0.07 −1.8. **II.** (806) −0.09 +2.4; (863) +0.09 −2.4. **III.** (806) −0.04 +0.3; (807) +0.05 −0.2. **IV.** (806) −0.09 +0.3; (807) +0.04 −1.2; (818) +0.06 +0.8. **V.** (806) +0.08 +1.7; (863) −0.07 −1.7. **VI.** (806) −0.02 +1.1; (807) +0.06 +0.7; (863) −0.03 −1.7. **VII.** (806) −0.01 +0.2; (807) +0.01 −0.1. **VIII.** (806) −0.04 −0.8; (807) +0.06 −2.1; (819) −0.03 +3.0.

+9° +15°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
568	8	12 14 44.28	+ 3.055	+10 46 35.0	- 20.014	I. Ll. B. R.
569	8	12 16 12.95	3.056	9 10 35.7	20.005	II. Ll. B.
570	8	12 16 38.92	3.053	10 20 26.8	20.002	(806.) B.
571	9	12 16 52.43	3.050	12 0 2.8	20.000	(819.) Ll. B.
572	9	12 17 10.62	3.050	11 33 6.6	19.998	(819.) B. R.
573	8. 9	12 19 55.33	3.045	11 51 28.1	19.978	(819.) B.
574	6	12 20 4.35	3.051	9 26 30.4	19.978	III. B.
575	9	12 21 52.38	3.043	11 58 9.2	19.963	(819.) Ll. B.
576	9	12 23 1.92	3.050	9 21 6.3	19.954	(863.)
577	8. 9	12 25 9.80	3.045	9 52 16.6	19.934	(863.) B.
578	8	12 26 23.99	3.046	9 24 57.7	19.922	(863.) B.
579	9	12 26 43.20	3.042	10 30 3.7	19.919	(819.)
580	8	12 27 4.19	3.045	9 23 17.5	19.915	(863.) Ll. B.
581	8. 9	12 28 28.38	3.041	10 3 32.9	19.900	(863.)
582	8. 9	12 28 53.09	3.036	11 33 30.0	19.895	(819.) Ll. B.
583	8. 9	12 29 19.17	3.040	10 25 46.5	19.891	(863.) B.
584	9	12 30 28.61	3.038	10 38 31.4	19.877	(819.) B.
585	8	12 30 33.31	3.039	10 24 42.5	19.876	IV. Ll. B.
586	9	12 32 21.07	3.034	11 11 3.4	19.855	(819.) S.
587	7. 8	12 32 38.41	3.039	9 21 10.0	19.851	V. Ll. B. R.
588	8. 9	12 33 4.20	3.031	11 45 22.8	19.846	(819.) R.
589	6	12 33 18.62	3.038	9 39 16.2	19.843	VI. Ll. B.
590	8. 9	12 33 48.03	3.040	9 4 55.1	19.837	(863.)
591	6. 7	12 34 14.23	3.030	10 42 35.1	19.831	(807.) Ll. B.
592	9	12 34 25.31	3.037	9 49 36.7	19.829	(807.) B.
593	8	12 35 14.12	3.036	9 37 3.3	19.818	(863.) B.
594	8	12 36 27.92	3.026	11 44 42.9	19.802	(819.) B.

I. (806) -0.07 +0.1; (807) +0.10 -3.0; (819) -0.04 +3.0. **II.** (806) +0.05 +2.8; (807) +0.07 -0.5; (863) -0.11 -2.2. **III.** (807) -0.02 +2.6; (863) +0.03 -2.5. **IV.** (807) +0.09 +1.4; (863) -0.08 -1.3. **V.** (807) +0.11 +1.9; (863) -0.11 -1.8. **VI.** (807) +0.03 +2.3; (863) -0.03 -2.3.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850.	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
595	9	12 38 44.74	+ 3.033	+ 9 36 24.8	- 19.769	I.
596	7. 8	12 40 45.80	3.028	9 55 50.6	19.738	II. B.
597	8. 9	12 41 10.13	3.029	10 0 32.6	19.732	III. Ll. B.
598	9	12 42 19.81	3.020	11 48 56.8	19.714	(819.)
599	9. 10	12 42 27.13	3.030	9 23 17.0	19.712	(817.)
600	8	12 42 49.99	3.024	10 39 7.6	19.706	IV. B.
601	8	12 43 8.32	3.028	9 41 32.7	19.701	(863.)
602	9	12 45 9.05	3.015	12 1 34.4	19.6 6	(819.)
603	8. 9	12 45 39.20	3.026	9 34 49.7	19.657	V. B.
604	9	12 46 41.52	3.013	12 7 43.1	19.640	(819.)
605	8	12 46 45.44	3.026	9 19 7.5	19.635	(863.) B.
606	8	12 47 57.47	3.014	11 31 53.4	19.617	(819.)
607	8	12 49 3.09	3.021	9 58 15.8	19.598	(807.) B.
608	8	12 49 13.92	3.014	11 19 23.4	19.594	(819.) Ll. B. R.
609	8. 9	12 49 38.59	3.008	12 14 6.6	19.587	(819.) Ll.
610	6. 7	12 49 40.66	3.025	9 6 25.7	19.586	VI. B. R.
611	7	12 50 19.33	3.019	10 9 10.9	19.573	(807.) Ll. B.
612	9	12 50 46.10	3.016	10 34 12.4	19.565	VII. Ll. B.
613	8	12 51 41.08	3.014	10 48 54.5	19.548	(819.) Ll. B.
614	6	12 52 14.01	3.016	10 20 13.8	19.356	(807.) B.
615	9	12 53 29.24	3.020	9 23 41.0	19.511	(807.) Ll. B.
616	8	12 53 55.04	3.010	10 56 48.0	19.503	(819.) S.
617	9	12 54 25.59	3.016	9 54 4.0	19.492	(807.) B.
618	3	12 54 42.30	3.005	11 46 3.8	19.486	(819.) Ll. B. R.
619	8. 9	12 55 26.86	3.007	11 14 56.1	19.471	(819.) B.
620	9	12 55 47.80	3.010	10 42 39.6	19.463	(319.) B.
621	8	12 56 58.12	3.016	9 27 35.1	19.438	(807.) Ll. B.

I. (807) +0.03 +2.6; (863) -0.02 -2.6. **II.** (807) +0.11 +2.2; (863) -0.10 -2.2. **III.** (807) +0.07 +2.3; (863) -0.06 -2.3. **IV.** (819) +0.03 0.0; (863) -0.02 —. **V.** (807) +0.04 +1.9; (863) -0.04 -1.8. **VI.** (807) -0.01 +0.7; (817) +0.02 -0.6. **VII.** (807) +0.08 -1.6; (819) -0.07 +1.7.

+9° +15°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
622	8	12 57 57.51	+ 3.005	+ 11 3 48.8	− 19.417	(819.) Ll. B.
623	8	12 58 58.86	3.002	11 30 58.5	19.394	(819.)
624	9	12 59 2.88	3.023	9 15 59.0	19.393	(807.)
625	8	13 0 15.60	3.010	9 59 37.4	19.365	(807.) Ll. B.
626	8. 9	13 0 54.95	3.006	10 26 3.3	19.350	(807.) B.
627	5. 6	13 1 41.75	3.003	10 49 28.1	19.332	(807.) Ll. B.
628	9	13 3 25.85	3.010	9 35 52.4	19.292	(807.) B.
629	8. 9	13 5 52.13	3.007	9 35 37.5	19.231	(807.) B.
630	8	13 6 33.51	2.999	10 34 13.6	19.214	(807.) Ll.
631	8	13 11 43.99	2.997	10 44 32.8	19.080	(807.)
632	7. 8	13 12 1.84	3.003	9 26 10.7	19.072	(807.) Ll.
633	7	13 12 26.43	3.004	9 16 44.1	19.062	(807.) Ll.
634	9	13 13 8.78	2.999	9 42 48.9	19.041	(807.) B.
635	9	13 13 53.78	3.001	9 29 30.0	19.022	(807.) B.
636	5	15 33 51.04	2.885	9 47 20.2	11.940	(854.) Ll. B.
637	5. 6	15 35 3.89	2.872	10 8 5.3	11.854	(854.) Ll. B.
638	8	15 35 30.14	2.880	10 0 1.8	11.823	(854.) Ll. B.
639	6. 7	15 36 19.99	2.897	9 5 59.1	11.764	(854.) B.
640	5	15 39 31.82	2.874	10 15 18.9	11.537	(854.) B.
641	7. 8	15 42 4.66	2.866	10 37 —		(854.) Ll. B.
642	6	15 42 9.77	2.866	10 32 34.0	11.437	(854.) Ll. B.
643	7	15 44 15.92	2.867	10 25 45.1	11.195	(854.) Ll. B.
644	7. 8	15 50 44.11	2.864	10 23 8.6	10.721	(854.) Ll. B.
645	7	15 57 38.53	2.866	10 3 29.1	10.204	(873.) B.
646	7. 8	15 58 56.59	2.888	9 0 15.2	10.107	(854.) Ll. B.
647	9	16 1 16.72	2.859	10 21 55.9	9.930	(854.) B.
648	8	16 2 39.09	2.841	11 15 —		(873.) Ll.
649	8. 9	16 3 33.94	2.875	9 28 22.9	9.756	(854.) S.
650	8	16 8 41.93	2.853	10 24 44.6	9.360	(854.)
651	7. 8	16 9 6.33	2.874	9 27 15.5	9.330	(854.) B.
652	8. 9	16 12 34.00	2.859	10 4 49.8	9.061	(854.) B.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
653	9	16 14 1.39	+ 2.836	+ 11 5 4.1	− 8.948	(873.)
654	7. 8	16 17 35.10	2.880	9 0 23.5	8.666	(854.) B.
655	7. 8	16 18 31.09	2.879	9 2 28.0	8.592	(854.) B.
656	8. 9	16 19 31.55	2.869	9 27 1.4	8.519	(854.)
657	9	16 39 24.94	2.831	10 49 11.1	6.908	(873.)
658	7	16 41 23.37	2.848	10 1 52.4	6.746	I. Ll.
659	7. 8	16 54 12.31	2.862	9 16 6.2	5.679	(854.) R.
660	9	17 0 38.49	2.863	9 8 47.8	5.137	(874.)
661	8	17 5 7.19	2.842	9 56 47.3	4.757	II. Ll. B.
662	3. 4	17 5 23.50	2.824	10 46 12.1	4.742	(844.) Ll. R.
663	7. 8	17 6 17.14	2.859	9 16 43.4	4.657	III. B.
664	8	17 7 47.94	2.864	9 1 49.4	4.528	(874.)
665	8	17 8 29.21	2.835	9 23 47.1	4.469	IV. S.
666	8	17 9 40.53	2.840	10 — —		(825.)
667	7.8	17 26 37.58	2.852	9 23 52.4	2.911	(844.) Ll.
668	8. 9	17 27 8.50	2.854	9 19 11.4	2.867	(844.)
669	6. 7	17 27 47.62	2.849	9 31 37.8	2.810	(844.) Ll. B.
670	6. 7	17 29 7.89	2.841	9 49 7.4	2.694	(844.) Ll. B.
671	9. 10	17 29 46.15	2.841	9 49 54.4	2.639	(844.)
672	9	17 30 0.29	2.838	9 56 48.2	2.618	(844.)
673	9. 10	17 31 8.53	2.849	9 31 36.5	2.520	(844.)
674	8. 9	17 31 42.61	2.817	10 48 40.8	2.470	(844.) B.
675	9	17 35 13.32	2.824	10 31 13.3	2.165	(844.)
676	6	17 43 3.19	2.838	9 53 54.7	1.469	(844.) Ll. B.
677	8	17 45 18.47	2.834	10 4 25.6	1.285	(844.) B.
678	9. 10	17 46 20.18	2.812	10 58 8.2	1.194	(844.) B.
679	9. 10	17 46 51.26	2.816	10 46 46.9	1.149	(844.)
680	9. 10	17 47 48.01	2.817	10 44 47.4	1.066	(844.) B.

I. (854) +0.02 -1.5; (873) -0.01 +1.5. **II.** (825) +0.07 +2.0; (844) -0.07 -2.1. **III.** (825) -0.01 -1.7; (874) +0.02 +1.7. **IV.** (825) +0.07 -1.4; (843) +0.07 —; (844 (-0.15 +1.5.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
681	9	17 47 55.71	+ 2.817	+ 10 44 21.1	− 1.056	(844.) B.
682	9	17 50 48.37	2.847	9 30 37.4	0.805	(844.)
683	9. 10	17 52 0.16	2.824	10 26 15.6	0.700	(844.) B.
684	8	17 52 36.05	2.828	10 18 34.3	0.648	(844.) B.
685	9	17 53 50.65	2.847	9 29 55.3	0.539	(844.) B.
686	9. 10	17 56 55.45	2.838	9 51 47.2	0.270	(844.)
687	9. 10	17 58 7.10	2.832	10 6 52.9	0.165	(844.)
688	8. 9	17 58 17.81	2.830	10 13 3.9	-0.150	(844.)
689	2	18 0 14.17	2.846	9 32 51.1	+0.019	(844.) B. R.
690	6. 7	18 0 23.49	2.847	9 28 49.7	0.033	(844.) B. R.
691	10	18 1 11.33	2.811	10 58 13.9	0.103	(844.) B.
692	9. 10	18 2 47.52	2.817	10 45 3.8	0.243	(844.)
693	8. 9	18 7 30.63	2.811	11 0 49.7	0.656	(844.) B.
694	10	18 9 33.25	2.830	10 13 6.5	0.835	(844.)
695	9	18 12 45.99	2.833	10 6 31.1	1.115	(844.) B.
696	8. 9	18 15 17.18	2.852	9 16 3.9	1.336	(844.) S.
697	7	18 15 36.96	2.842	9 42 33.5	1.364	(844.) B.
698	7	18 17 34.95	2.833	10 6 23.2	1.536	(844.) Ll.
699	8	18 21 12.70	2.809	11 7 21.8	1.847	(844.) Ll. B.
700	8. 9	18 21 21.27	2.808	11 8 31.6	1.863	(844.) B.
701	9	18 29 20.61	2.832	10 10 11.3	2.560	(844.)
702	8. 9	18 30 18.90	2.831	10 15 7.9	2.644	(844.) Ll.
703	5. 6	18 56 57.38	2.816	11 5 2.9	4.933	(850.) Ll.
704	8	19 4 49.28	2.818	11 6 19.2	5.597	(850.) B.
705	8	19 11 24.36	2.860	9 20 26.8	6.147	(850.)
706	7. 8	19 18 20.09	2.826	11 15 —	6.723	(850.) B.
707	8. 9	19 19 48.50	2.872	9 58 37.2	6.843	(849.)
708	9	19 24 49.18	2.847	10 8 17.8	7.258	(850.)
709	8	19 28 55.46	2.849	10 11 6.5	7.588	(850.)
710	8	19 31 54.68	2.856	9 53 40.9	7.830	(850.)
711	9	19 32 6.27	2.874	9 4 29.2	7.844	(883.) B. R.

+9° +15°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
712	7	19 38 51.16	+ 2.837	+ 10 53 40.5	+ 8.384	(850.)
713	8	19 39 32.05	2.841	10 43 4.5	8.438	(850.)
714	7	19 40 40.34	2.852	10 14 57.8	8.527	(850.)
715	8	19 41 58.81	3.842	10 41 38.8	8.632	(850.) B.
716	4	19 43 50.85	2.858	10 2 37.0	8.779	(850.) B. R.
717	8	19 45 37.10	2.843	10 43 40.4	8.918	(850.)
718	7. 8	19 45 38.03	2.843	10 44 26.3	8.919	(850.)
719	6	19 47 24.20	2.874	9 22 40.2	9.058	I. Ll. B.
720	8. 9	19 47 33.83	2.865	9 45 14.5	9.071	(850.)
721	5. 6	19 48 46.31	2.865	9 48 49.8	9.165	(850.) Ll.
722	8	19 49 23.89	2.863	9 53 20.0	9.214	(850.)
723	7	19 53 49.72	2.834	11 18 —		(850.) B.
724	8. 9	19 54 13.98	2.850	10 41 4.7	9.587	(850.)
725	8	19 58 5.75	2.853	10 35 51.2	9.883	(850.) S.
726	8	19 59 58.39	2.868	9 53 7.4	10.024	(859.)
727	8	20 0 38.89	2.870	9 50 12.5	10.076	(859.)
728	7. 8	20 5 19.05	2.852	10 48 44.0	10.427	(850.)
729	8	20 5 24.35	2.849	10 55 31.9	10.433	(850.) Ll.
730	8	20 43 33 97	2.912	9 53 12.3	13.126	(833.)
731	9	20 50 40.05	2.909	9 17 55.0	13.592	(833.)
				-9° bis -15°		Suppl.-Bd XII.
732	8	9 46 34.62	2.942	- 9 52 56.8	- 16.750	(804.) B.
733	8	9 52 15.25	2.946	9 59 10.1	16.019	(804.) B.
734	6	9 55 59.18	2.949	10 0 17.7	17.189	(804.) B.
735	8	9 57 18.72	2.938	11 0 11.3	17.249	(804.) Ll. B.
736	8. 9	9 57 57.91	2.945	10 28 25.5	17.278	(804.) Ll. B.
737	8	9 58 30.31	2.935	11 17 —	17.302	(804.) B.
738	8	10 0 26.76	2.949	10 19 10.1	17.387	(804.) B.
739	7. 8	10 1 5.74	2.949	10 23 4.0	17.415	(804.) B.

I. (850) -0.01 +2.6; (859) +0.02 -2.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
740	7	10 2 16.39	+ 2.941	− 11 9 32.7	− 17.466	(804.) Ll. B.
741	8. 9	10 4 55.52	2.953	10 23 51.7	17.578	(804.) Ll. B.
742	8. 9	10 5 28.31	2.952	10 27 42.7	17.602	(804.) Ll. B.
743	7	10 7 50.84	2.948	11 2 46.8	17.700	(804.) Ll.
744	8. 9	10 8 44.78	2.953	10 43 13.8	17.736	(804.)
745	7	10 11 36.26	2.959	10 25 50.8	17.854	(804.) B.
746	7. 8	10 11 53.19	2.957	10 37 31.5	17.864	(804.) B.
747	7. 8	10 44 49.18	2.993	10 18 52.6	18.985	(804.) Ll. B.
748	8. 9	10 45 51.91	2.996	9 57 26.6	19.014	(804.) Ll. B.
749	8	11 2 13.95	3.009	10 30 18.4	19.421	(804.) B.
750	7	12 4 42.38	3.076	10 49 29.8	20.051	(809.) Ll. B.
751	8. 9	12 5 14.40	3.077	11 57 20.1	20.050	(820.) Ll. B.
752	9	12 6 43.42	3.079	12 10 47.3	20.046	(820.) Ll. B.
753	9. 10	12 7 11.46	3.079	11 47 39.4	20.044	(820.) B.
754	9	12 9 37.18	3.082	11 26 29.8	20.038	(820.) Ll. B.
755	7	12 11 16.47	3.085	12 42 25.3	20.031	(820.) Ll. B.
756	8. 9	12 14 49.80	3.087	10 43 36.8	20.013	I. Ll.
757	9	12 14 58.95	3.087	10 48 35.0	20.012	(820.) Ll. B.
758	9	12 18 13.69	3.091	11 3 32.5	19.991	(820.) B.
759	9. 10	12 18 52.92	3.096	12 41 41.0	19.986	(820.)
760	9	12 20 4.66	3.097	12 45 36.5	19.978	(820.) Ll.
761	8. 9	12 21 19.36	3.098	12 28 8.6	19.967	(820.) Ll. B.
762	5	12 22 20.94	3.099	12 32 41.1	19.959	(820.) Ll. B. R.
763	9. 10	12 24 58.45	3.101	11 57 15.5	19.936	(820.) B.
764	7. 8	12 25 50.98	3.100	10 49 47.8	19.928	(809.) B.
765	9. 10	12 26 16.61	3.103	12 4 53.4	19.923	(820.) Ll.
766	9	12 30 47.10	3.104	10 42 42.1	19.874	(809.) B.
767	9	12 31 10.23	3.104	10 42 43.0	19.869	(821.)
768	5. 6	12 32 47.46	3.115	13 16 32.2	19.850	(867.) Ll. B.
769	6	12 34 34.84	3.123	14 26 50.2	19.827	II. Ll. B.

I. (820) −0.09 +1.2; (821) +0.09 −1.3. II. (866) +0.07 —; (867) −0.07 0.0.

-9° -15°

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
770	6	12 35 43.47	+ 3.119	- 13 2 10.4	- 19.812	(867.) Ll. R.
771	8. 9	12 35 48.98	3.113	11 46 8.6	19.810	(820.)
772	8	12 36 36.81	3.110	10 29 46.9	19.800	(809.) B.
773	7	12 37 40.34	3.128	14 41 13.8	19.785	(866.) Ll. B.
774	6. 7	12 38 9.94	3.128	14 42 51.0	19.778	(866.) Ll. B.
775	9	12 38 35.60	3.121	12 34 28.1	19.771	(820.)
776	6	12 38 39.56	3.129	14 37 5.9	19.770	(866.) Ll. B.
777	6. 7	12 40 40.05	3.132	14 54 8.4	19.740	(866.) Ll.
778	6	12 41 55.74	3.132	14 15 40.3	19.720	(867.) Ll. B.
779	9. 10	12 42 14.32	3.124	12 14 33.4	19.715	(820.) Ll. B.
780	8. 9	12 43 20.43	3.117	10 26 57.2	19.697	(809.)
781	8	12 43 52.58	3.138	14 52 28.3	19.688	(867.)
782	6. 7	12 44 7.42	3.133	13 48 16.8	19.684	(867.)
783	8. 9	12 44 16.62	3.123	12 33 23.2	19.681	(820.)
784	6. 7	12 45 17.44	3.136	14 9 5.1	19.664	(867.) Ll. B.
785	8. 9	12 45 30.98	3.117	10 6 19.4	19.660	I. B.
786	5	12 48 0.38	3.142	14 30 48.5	19.616	II. Ll. B.
787	8. 9	12 48 13.49	3.122	10 29 42.4	19.612	III. B.
788	6	12 48 33.84	3.140	14 8 7.3	19.606	(867.) Ll. B.
789	7. 8	12 50 3.84	3.140	13 32 3.4	19.579	(867.) B.
790	6	12 50 11.77	3.143	14 10 25.0	19.576	(867.) Ll. B.
791	9. 10	12 57 17.95	3.141	11 58 29.8	19.432	(820.) Ll.
792	6	12 57 32.40	3.154	14 6 46.0	19.426	(867.)
793	9	12 57 42.10	3.151	11 58 56.1	19.422	(820.) Ll. B.
794	9	12 58 39.70	3.135	10 39 32.4	19.401	(821.)
795	7	12 59 45.74	3.152	13 23 9.3	19.376	(867.) Ll. B.
796	7. 8	13 0 6.00	3.161	14 31 24.2	19.369	IV.
797	7. 8	13 0 7.47	3.153	13 29 8.7	19.368	(867.) Ll. B.
798	9	13 1 8.66	3.145	11 45 43.3	19.345	(820.) B.

I. (809) -0.02 +0.2; (821) +0.01 -0.3. II. (866) +0.04 +0.5; (867) -0.04 -0.5.
III. (809) -0.12 +1.3; (821) -0.12 -1.2. IV. (866) +0.05 +1.0; (867) -0.04 -0.9.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
799	9. 10	13 2 19.40	+ 3.149	- 12 17 22.4	- 19.317	(820.)
800	7. 8	13 2 24.56	3.165	14 33 26.3	19.315	(867.) B.
801	6	13 3 19.37	3.157	13 26 35.1	19.294	(867.) Ll.
802	8	13 3 29.99	3.133	9 42 52.1	19.290	(821.)
803	8	13 4 8.40	3.147	11 36 10.7	19.275	(820.) B.
804	9	13 4 49.16	3.142	10 47 0.3	19.257	(821.) B.
805	7. 8	13 5 18.46	3.168	14 39 44.0	19.245	(867.) Ll. B.
806	7	13 5 27.68	3.153	12 40 12.5	19.241	(820.) Ll. B.
807	7	13 5 44.84	3.169	14 36 8.1	19.234	(867.) Ll. B.
808	9	13 5 59.66	3.143	10 45 21.6	19.228	(821.) Ll. B.
809	7	13 6 14.34	3.161	13 29 11.7	19.222	(867.) Ll. B.
810	6	13 7 59.74	3.151	11 33 13.1	19.178	(820.) Ll. B.
811	9	13 8 4.86	3.143	10 26 38.1	19.176	(821.) Ll. B.
812	8	13 8 18.89	3.153	11 49 27.6	19.169	(820.) Ll. B.
813	9	13 9 14.64	3.170	11 19 0.4	19.146	(820.)
814	6	13 9 36.03	3.076	14 45 12.7	19.137	I. Ll. B.
815	6	13 10 56.04	3.150	11 13 19.9	19.102	(820.) Ll. B.
816	8	13 11 16.90	3.165	13 57 8.6	19.092	(867.) Ll. B.
817	8	13 11 18.92	3.178	14 46 32.0	19.091	(866.) B.
818	8	13 11 33.80	3.147	10 21 26.4	19.084	(821.) Ll.
819	7. 8	13 11 42.36	3.157	11 41 31.5	19.081	(820.) Ll. B.
820	7. 8	13 12 41.58	3.175	13 59 9.5	19.054	(867.) Ll.
821	8. 9	13 12 51.52	3.150	10 39 38.1	19.050	(821.)
822	6	13 13 36.96	3.160	11 47 23.9	19.028	(820.)
823	7	13 13 41.53	3.153	10 57 22.9	19.026	(820.) Ll. B.
824	7	13 14 13.86	3.164	12 23 57.1	19.011	(820.)
825	9. 10	13 15 24.21	3.144	9 33 44.7	18.979	(821.) Ll.
826	7	13 15 41.96	3.181	14 19 49.0	18.970	II. Ll. B.
827	8	13 16 14.97	3.182	14 24 49.4	18.955	(867.) B.
828	8. 9	13 17 42.83	3.164	11 42 3.4	18.912	(820.)

I. (866) +0.04 -0.3; (867) -0.03 +0.3. **II.** (866) -0.05 —; (867) +0.04 0.0.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
829	9	13 21 24.05	+ 3.149	− 9 35 54.8	− 18.803	(821.)
830	8. 9	13 21 51.18	3.190	14 18 35.7	18.789	(867.)
831	7. 8	13 23 55.17	3.151	9 23 56.5	18.725	(821.) B.
832	6	13 24 51.21	3.194	14 35 24.3	18.695	(867.) Ll.
833	8	13 26 —	3.196	14 42 48.6	18.637	(867.)
834	9	13 28 16.32	3.159	9 54 51.9	18.584	(821.)
835	8. 9	13 30 50.—	3.196	13 48 51.0	18.538	(867.) Ll. B.
836	8	13 31 11.83	3.159	9 37 25.3	18.487	(821.)
837	6	13 31 18.29	3.204	14 26 35.1	18.484	(866.) Ll. R.
838	6. 7	13 31 31.86	3.208	14 51 6.4	18.476	(866.) Ll. B.
839	7. 8	13 34 50.—	3.208	14 16 32.4	18.373	(867.) Ll. B.
840	9. 10	13 35 13.99	3.161	9 50 5.6	18.347	(821.)
841	6. 7	13 36 —	3.206	14 0 14.1	18.309	(867.) Ll. B.
842	7	13 37 —	3.207	14 0 41.7	18.280	(867.) Ll. B.
843	9	13 40 50.23	3.212	13 58 33.5	18.145	(867.) Ll. B.
844	8	13 41 16.38	3.213	14 0 45.9	18.129	(867.) Ll. B.
845	8	13 46 58.51	3.229	14 46 44.2	17.909	(867.) Ll.
846	8	13 47 43.53	3.221	14 3 21.2	17.880	(867.) B.
847	5	14 10 59.80	3.233	12 40 38.3	16.866	(868.) Ll. R.
848	7	14 11 4.71	3.234	12 44 12.6	16.862	(868.) Ll.
849	6	14 16 27.29	3.249	13 23 49.1	16.603	(868.) B.
850	6. 7	14 23 38.60	3.244	12 31 30.0	16.243	(868.) B.
851	7	14 26 59.81	3.242	12 4 39.9	16.069	(868.) B.
852	6	14 40 37.97	3.262	12 29 25.1	15.327	(868.) Ll.
853	5	14 41 6.06	3.276	13 31 12.6	15.300	(868.) Ll. B. R.
854	7	14 47 35.15	3.270	12 35 38.6	14.928	(868.) Ll. B.
855	8	14 50 2.09	3.282	13 13 10.7	14.784	(868.) B.
856	8	14 53 17.81	3.266	12 4 33.7	14.589	(868.)
857	9	14 58 50.81	3.285	12 57 59.5	14.252	(868.)
858	9	15 3 26.25	3.292	13 2 20.6	13.967	(868.)
859	8	15 6 56.77	3.276	11 — —	13.738	(868.)

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
860	8	15 7 52.78	+ 3.284	- 12 21 8.2	- 13.685	(868.) B.
861	6. 7	15 11 53.93	3.294	12 38 37.2	- 13.426	(868.) Ll. B.
862	5	18 14 44.97	3.313	10 17 23.2	+ 1.289	(870.) Ll. B.
863	8. 9	18 16 53.95	3.308	10 6 35.9	1.478	(869.)
864	9	18 23 5.63	3.327	10 53 58.2	2.018	(869.)
865	8. 9	18 33 20.39	3.338	11 30 10.6	2.907	(828.) B.
866	8	18 34 8.73	3.294	9 37 43.7	2.976	(870.)
867	8. 9	18 35 17.62	3.342	11 38 22.2	3.076	(828.) Ll. B.
868	9. 10	18 42 27.11	3.279	9 2 51.4	3.693	(829.) B.
869	9	18 47 36.27	3.329	11 12 29.7	4.135	(828.)
870	8. 9	18 47 37.48	3.329	11 13 0.8	4.138	(828.)
871	9	18 50 55.23	3.294	9 45 49.2	4.420	(829.)
872	8	18 51 9.40	3.318	10 46 45.3	4.440	I.
873	8. 9	18 54 40.66	3.283	9 11 16.8	4.738	(871.)
874	9	18 56 26.64	3.276	8 55 —	4.889	(830.) B.
875	7. 8	19 1 24.58	3.284	9 23 36.8	5.352	II.
876	9. 10	19 5 6.80	3.325	11 14 50.9	5.622	(828.)
877	8. 9	19 12 42.01	3.345	12 15 17.8	6.255	(828.) B.
878	8. 9	19 12 51.20	3.294	10 3 1.7	6.267	(829.)
879	9	19 18 10.46	3.355	12 47 44.3	6.709	(828.)
880	8. 9	19 19 50.39	3.285	9 43 26.3	6.845	(829.) Ll. B.
881	9. 10	19 23 9.03	3.307	10 43 16.4	7.118	(829.)
882	8	19 32 37.58	3.274	9 28 23.4	7.886	(829.) Ll.
883	8. 9	19 36 59.05	3.279	9 45 24.7	8.236	(829.) B.
884	8	19 38 56.61	3.292	10 25 4.3	8.392	(829.) B.

I. (828) -0.17 +0.4; (870) +0.18 -0.4. II. (829) —0.0; (870) 0.00 —.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
				-15° bis 21°		Suppl.-Bd. XII.
885	7	12 37 11.40	+ 3.129	- 15 13 —	- 19.792	(867.) Ll.
886	5	12 41 53.68	3.136	15 3 49.1	19.721	I. Ll.
887	7	12 43 27.92	3.143	16 5 56.7	19.695	(866.)
888	7	12 45 18.61	3.147	16 23 0.2	19.663	(866.) Ll.
889	7. 8	12 48 44.42	3.151	15 54 44.1	19.603	(866.) Ll.
890	6	12 50 32.45	3.157	16 31 14.6	19.569	(866.) Ll.
891	6. 7	12 57 29.97	3.167	16 11 50.6	19.427	(866.)
892	7. 8	13 2 36.62	3.168	15 12 14.3	19.311	(866.) Ll. B.
893	3	13 4 5.13	3.172	15 23 24.8	19.276	(866.) R.
894	7	13 6 9.77	3.177	15 45 27.0	19.224	(866.)
895	8	13 7 50.06	3.179	15 28 50.1	19.182	(866.) Ll.
896	6	13 10 44.96	3.190	16 20 33.1	19.106	(866.)
897	7. 8	13 12 26.09	3.189	15 54 49.8	19.062	(866.)
898	8	13 13 24.17	3.185	15 10 29.0	19.035	II.
899	9	13 13 52.30	3.185	15 6 46.4	18.994	(867.)
900	7. 8	13 15 7.21	3.187	15 8 29.1	18.958	(867.)
901	8. 9	13 17 9.10	3.192	15 23 54.2	18.928	(866.)
902	3	13 19 27.29	3.193	15 11 37.6	18.861	III. Ll.
903	8. 9	13 20 33.34	3.205	16 13 46.7	18.831	(866.)
904	6. 7	13 22 39.64	3.201	15 26 42.8	18.765	(866.) Ll.
905	7	13 23 3.71	3.203	15 34 34.5	18.752	(866.) Ll.
906	8	13 24 32.23	3.207	15 46 48.0	18.706	(866.) Ll.
907	8	13 26 7.46	3.208	15 36 55.6	18.656	(866.) Ll.
908	8	13 26 37.13	3.209	15 33 4.8	18.640	(866.) Ll.
909	6. 7	13 27 26.72	3.215	16 9 12.1	18.611	(866.) Ll.
910	6	13 28 59.54	3.213	15 40 40.8	18.561	(866.)

I. (866) -0.01 -0.2; (867) +0.02 +0.1. **II.** (866) +0.05 -1.4; (867) -0.05 +1.4. **III.** (866) 0.00 +0.5; (867) +0.01 -0.6.

Nummer	Grösse	AR 1850	Präcession 1850	Declination 1850	Präcession 1850	Bemerkungen
		h ′ ″	″	° ′ ″	″	
911	7	13 32 28.96	+ 3.127	- 16 34 49.9	- 18.443	(866.)
912	8. 9	13 32 43.—	3.213	15 9 6.0	18.436	(867.) Ll.
913	7	13 33 33.99	3.228	16 33 50.6	18.405	(866.)
914	9	13 33 58.—	3.215	15 9 57.0	18.393	(867.) Ll.
915	7. 8	13 34 28.28	3.228	16 30 44.2	18.373	(866.) Ll.
916	7. 8	13 35 24.59	3.228	16 17 5.1	18.341	(866.)
917	6	13 37 31.—	3.219	15 0 42.3	18.265	(867.)
918	8. 9	13 45 44.52	+ 3.230	15 2 46.7	17.956	(867.) Ll.

Nachtrag II,

enthaltend neuere Ortsbestimmungen von 2548 Zonensternen welche in den bereits gedruckten Stern-Verzeichnissen vorkommen.

Die erste Columne enthält die Nummer des betreffenden Sternverzeichnisses, in der zweiten und dritten Columne sind die Secunden der neuen Rectascensionen und Declinationen und deren Abweichung von den früheren Bestimmungen angegeben, die dritte Columne enthält die Nummern der Zonen, in welchen die neuen Bestimmungen vorkommen: die Abweichungen sind für AR in Zehntel- und Hundertel-Secunden, für Decl. in Secunden und Zehntel-Secunden ausgedrückt und zwar so, dass man die Abweichung zu der neuen Bestimmung hinzuzufügen hätte, um die frühere Bestimmung zu erhalten. Bei der Vergleichung der älteren Bestimmungen mit den neueren ist auf alle schon früher oder im gegenwärtigen Bande angezeigten Druckfehler und Berichtigungen Rücksicht genommen.

-3° +3°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″		5387	44.84 - 09	20.3 + 1.7	878
	Decl. - 3° bis + 3° Suppl.-Bd. V.			5394	29.86 - 24	53.5 - 3.5	877
5303	52.65 - 01	2.3 - 3.0	878	5402	19.79 + 13	— —	878
5307	17.55 - 15	5.6 - 1.5	878	5411	2.86 + 03	45.8 - 0.6	877
5333	27.72 + 04	4.7 + 2.7	878	5417	14.01 + 14	37.6 + 0.9	877
5337	40.08 + 01	21.3 + 2.8	878	5419	29.98 + 09	59.9 - 1.7	I.
5340	55.72 + 20	55.4 + 4.3	877	5422	41.58 + 04	57.4 + 1.0	878
5350	55.18 + 10	42.6 - 1.2	877	5436	41.59 + 07	24.0 - 3.8	877
5357	42.49 + 15	33.8 + 1.7	878	5449	12.70 - 79	52.8 + 4.6	878
5360	46.10 + 20	43.1 - 1.8	877	5450	23.05 - 02	22.5 + 3.0	878
5361	48.77 00	37.0 - 3.4	877	5454	0.62 00	20.2 - 1.8	878
5371	24.43 + 1.14	49.5 + 29.5	878	5455	3.05 - 01	29.6 + 3.6	877
5380	29.94 + 24	51.8 - 1.3	878	5462	5.95 + 21	43.6 + 0.5	877
5381	34.87 - 01	17.0 + 2.4	877	5464	22.39 - 06	36.8 - 2.2	878

I. (877) - 0.01 —; (878) + 0.02 0.6.

-3° +3°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
5466	″38.95 00	″32.4+″6.7	878	5630	″7.84 - 05	″2.5+″0.4	878
5485	8.00 - 03	27.5+1.5	878	5633	10.64+13	26.3 - 2.8	878
5488	26.64 00	0.4 - 2.0	877	5647	33.13+08	34.6+0.7	878
5492	58.94 - 01	21.4+2.0	877	5657	37.59+15	41.5+0.9	878
5495	15.21 - 16	51.3+0.4	878	5663	2.57+13	32.4+2.3	878
5498	37.05+19	31.3+2.6	877	5671	48.60+07	42.8+0.3	878
5502	7.31 - 08	1.8 - 1.0	878	5679	45.20+05	22.5 - 3.5	878
5504	3.12 - 35	6.1 0.0	878	5691	5.35+04	16.0+0.4	878
5512	58.63 - 28	34.9 - 2.3	877	5709	54.34 - 04	53.8 - 0.4	878
5515	5.85 00	59.4+0.3	878	5714	23.82 00	32.8 - 1.9	878
5525	14.85 - 20	22.2+1.4	878	5717	18.19+14	29.1 - 0.9	878
5534	34.11+04	37.2 - 1.1	877	5721	44.30 - 04	55.3 - 1.5	878
5538	21.24+01	10.7+3.6	877	5739	49.00+55	44.3+0.8	878
5540	41.10 - 13	33.2+0.4	877	5750	13.46+01	20.7 - 1.9	878
5542	55.36 - 24	57.4 - 1.3	878	5755	48.82 - 17	26.5 - 4.1	878
5552	43.09 - 04	23.3 - 0.5	877	5762	30.52+04	39.1 - 1.9	878
5564	12.97 - 16	54.6 - 1.9	877	5775	39.18 - 23	28.1 - 2.4	878
5567	35.53 - 20	10.9+0.3	877	5777	48.99 - 19	26.7 - 3.8	878
5574	32.74+38	18.1 - 8.5	877	5803	29.66 - 16	— —	878
5577	39.06 - 12	41.9 - 5.7	877	5806	36.71 - 08	— —	878
5583	48.13+30	29.6+6.4	877	5810	7.23 - 43	13.5 - 7.0	878
5584	59.39+42	25.2+1.6	878	5819	56.39 - 04	30.8+0.3	878
5594	3.48+05	4.3 - 1.3	878	5828	41.73 - 13	56.7+2.4	878
5596	14.02+23	20.7 - 2.6	878	5834	21.83+17	39.4 - 0.9	879
5600	48.04 - 19	10.6+0.6	878	5840	51.99 - 03	44.9+1.2	878
5606	53.71+16	11.8+2.2	877	5844	10.91 - 09	12.6 - 2.1	878
5607	8.86+11	24.2 - 8.9	878	5888	14.85 - 04	10.2 - 1.8	879
5619	4.32+06	57.9 - 3.0	878	5891	31.82 - 14	29.6 - 0.3	879
5621	22.61 - 01	45.0 - 2.1	877	5945	54.27 - 08	1.4 - 0.8	879
5622	27.41 - 02	38.7 - 1.6	878	6132	11.95 - 09	37.0 - 7.2	880
5627	30.25 - 02	22.0 - 2.7	877	6137	16.97 - 01	31.9+0.6	880
5629	46.48 - 02	58.4 - 1.5	877	6188	0.01 - 11	13.1+1.1	880

-3° +3°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
6204	5.27 - 05	45.1 - 15.0	880	7245	16.47+15	27.8+0.3	862
6228	0.59 - 25	9.7 - 0.4	880	7294	57.59+08	32.7 0.0	862
6239	26.04 - 26	56.9+2.9	880	7475	28.30+02	7.5+3.0	862
6249	41.53+13	20.4+2.4	880	7486	24.62+26	46.2 - 1.1	862
6286	59.76+02	7.3+4.2	880	7576	20.02 - 24	21.8 - 8.7	862
6298	20.15 - 52	38.8 - 3.5	880	7668	11.53+23	20.3+2.3	862
6306	52.26 - 12	18.8 - 3.8	880	7695	45.08 - 25	12.9 - 6.3	862
6319	2.45 - 21	46.5 - 0.2	880	7719	45.11 - 10	55.1 - 4.2	862
6355	42.71 - 17	1.4+2.0	880	7801	32.94 - 18	46.1+5.6	862
6360	49.10+10	11.2 - 3.4	880	7808	14.71+07	36.2 - 4.8	862
6397	51.12 - 93	30.7+0.2	880	7862	40.21 - 02	59.8 - 3.6	862
6417	30.82 - 13	48.7 - 0.9	880	7875	40.92+02	4.5 - 1.8	862
6422	45.18+03	44.2 0.0	880				
6428	24.91+10	13.8 - 0.3	880		Decl. +3° bis +9°.		
6444	43.86 - 04	36.4 - 2.1	880	351	16.88 - 35	44.4 - 0.1	805
6458	52.27 - 07	48.4+2.5	880	357	30.91 - 32	10.8+1.3	805
6493	3.53 - 12	42.5+0.4	880	373	33.40+03	13.9+1.7	805
6564	58.58 - 18	2.4 - 5.8	880	389	22.92+49	27.7 - 1.0	805
6667	30.07 - 02	34.1 - 7.5	880	419	7.73+09	43.1+3.4	805
6671	59.77 - 06	45.6 - 2.5	880	422	44.23+42	25.6+3.9	805
6691	4.65+17	6.4+0.1	880	434	22.08 - 25	4.4+3.1	805
6717	6.03 00	16.8 - 3.2	880	436	44.64+40	49.4+0.9	805
6744	7.16+03	47.5 - 1.2	880	461	35.18+23	— —	805
6745	7.25 - 02	31.1 - 0.6	880	473	20.13 - 13	42.3 - 7.7	805
6776	21.83 - 01	32.1+0.1	880	476	22.42 - 07	48.5+1.8	805
6789	52.63 - 06	6.3 - 5.7	880	480	3.70 - 21	4.5+1.3	806
6806	56.53+05	14.3 - 0.1	880	481	5.26+11	29.6 - 0.6	805
6959	10.27+21	5.4 - 1.9	880	489	26.87+14	4.8+2.0	805
6969	44.02 - 10	0.4 - 6.6	880	505	25.14+12	7.8+0.3	805
7111	45.56 - 11	20.9+2.7	862	519	50.44+29	37.3 - 1.9	806
7123	48.62 - 32	37.3 - 0.7	862	520	3.11 - 04	16.8+0.4	805
7234	9.08+12	30.5+3.3	862	526	14.11+11	50.9+1.4	806

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
527	33.36 - 29	5.1 + 6.1	805	767	44.21 - 18	47.1 0.0	807
530	47.23 - 35	33.1 + 0.9	805	770	11.31 + 11	1.4 + 0.8	X.
550	19.96 + 05	10.4 + 1.2	805	771	20.35 + 21	3.8 - 3.2	XI.
570	16.53 - 08	13.9 + 1.0	805	773	47.16 + 13	27.5 - 1.6	XII.
576	54.64 + 14	40.3 + 0.8	805	778	4.83 + 19	30.1 + 1.5	XIII.
585	30.08 + 12	30.2 + 1.2	805	785	5.00 + 12	46.3 + 3.3	864
592	38.06 + 34	46.5 - 2.5	I.	790	36.77 + 32	30.5 - 4.2	805
603	51.90 + 20	36.2 - 3.3	II.	791	38.00 - 08	5.5 - 0.6	XIV.
621	54.99 + 02	33.3 + 4.1	805	803	0.82 + 22	14.9 + 6.7	817
651	3.00 - 35	32.4 - 2.0	III.	805	13.86 - 46	50.4 + 4.1	XV.
658	23.78 - 32	44.5 - 1.4	IV.	812	22.68 + 05	18.3 + 0.9	864
677	10.44 + 14	1.0 - 0.9	V.	834	24.62 + 14	31.3 - 0.8	XVI.
679	58.17 + 18	25.3 - 1.8	VI.	839	37.92 - 04	30.9 + 4.1	808
686	41.52 - 33	47.3 + 1.1	VII.	841	26.95 + 16	54.3 - 0.7	864
690	58.98 + 14	49.5 - 3.3	864	849	59.72 - 72	46.5 - 2.6	XVII.
692	7.05 - 08	30.2 - 4.9	805	858	36.16 - 14	47.1 ?	805
711	9.74 - 03	27.3 - 0.2	VIII.	863	47.45 - 06	10.2 - 2.7	XVIII.
736	8.34 - 13	2.7 + 2.7	864	869	48.94 + 12	54.3 - 4.4	XIX.
739	47.24 + 07	16.7 + 0.7	864	874	46.73 + 10	27.9 - 0.6	XX.
751	4.31 - 38	53.4 - 2.8	805	901	32.70 - 11	14.8 + 3.5	XXI.
761	46.81 - 16	40.7 - 0.9	IX.	912	55.50 - 19	29.3 - 1.5	XXII.

I. (805) +0.06 -2.1; (806) -0.06 +2.2. **II.** (805) +0.02 -2.7; (806) -0.02 +2.7. **III.** (805) 0.00 -1.0; (864) +0.01 +1.1. **IV.** (805) -0.04 +0.1; (864) +0.05 -0.1. **V.** (805) +0.03 +1.4; (817) -0.02 -1.3. **VI.** (805) +0.01 +0.6; (816) +0.07 -2.5; (864) -0.08 +1.9. **VII.** (805) 0.00 +3.1; (817) +0.01 -3.1. **VIII.** (805) -0.02 +0.8; (816) +0.03 -0.8; (863) -0.02 —. **IX.** (805) -0.03 +1.3; (817) -0.06 -3.3; (864) +0.10 +1.9. **X.** (805) +0.01 +3.0; (808) -0.01 -2.9. **XI.** (806) -0.04 +0.8; (807) +0.10 +0.2; (863) -0.05 -1.0. **XII.** (805) -0.05 +0.6; (864) +0.05 -0.6. **XIII.** (805) +0.05 +1.5; (817) +0.09 -1.4; (863) -0.15 -0.2. **XIV.** (805) -0.23 +2.0; (817) +0.38 -2.1; (864) -0.15 +0.1. **XV.** (805) -0.06 —; (864) +0.05 0.0. **XVI.** (808) +0.01 —; (864) 0.00 0.0. **XVII.** (805) +0.03 -0.3; (817) +0.06 +4.0; (863) -0.08 -3.7. **XVIII.** (805) -0.06 +2.8; (808) +0.05 -0.5; (817) -0.06 -0.4; (864) +0.09 -1.7. **XIX.** (808) +0.08 +2.1; (863) -0.08 -2.0. **XX.** (808) +0.03 +0.5; (817) -0.03 +0.2. **XXI.** (808) +0.04 -1.3; (864) -0.03 +1.3. **XXII.** (807) -0.03 +3.0; (808) -0.08 -1.0; (817) +0.11 0.0; (863) 0.00 -2.0.

+8° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
917	50.94+03	37.7 - 2.7	I.	1032	40.25 - 36	13.8 - 0.2	865
928	27.24 - 11	42.6 - 1.2	II.	1041	38.93+44	42.7+6.9	817
938	1.83 - 24	1.6 - 3.8	III.	1042	43.94 - 08	55.3 0.0	X.
944	44.21 - 19	56.9 - 2.4	IV.	1044	13.36 - 03	32.8 - 0.7	865
951	47.92 - 01	34.2+0.5	V.	1046	26.60 - 11	— —	865
953	56.42 - 15	19.1 - 1.1	808	1057	57.71 - 07	13.1 - 0.6	865
954	57.59 - 02	32.0 0.0	808	1058	57.88 - 23	23.1 - 1.9	865
956	58.57+05	56.4+0.2	865	1061	44.07+10	43.7 - 1.8	808
960	43.29 - 09	41.5+0.1	808	1066	32.66 - 26	32.1 - 0.5	808
961	54.88+35	40.8 - 0.6	VI.	1071	54.31+07	23.0 - 1.8	817
962	22.78 - 19	57.8 - 1.1	817	1072	56.93 - 23	27.0 - 2.8	XI.
964	29.59 - 35	22.7+0.7	817	1076	2.79 - 05	17.6+1.9	865
966	48.21+07	19.9+1.1	865	1078	21.16+31	28.8 - 0.7	XII.
970	12.80+06	35.2 - 1.4	VII.	1083	42.69 - 10	45.0+4.6	808
972	42.46+07	20.8 - 0.4	VIII.	1090	38.64 - 15	50.7 - 1.4	865
974	13.32+28	58.5+0.3	865	1096	47.71+10	37.1 - 0.3	XIII.
979	53.33+04	51.6 - 3.9	817	1097	51.80 - 27	45.4+0.6	865
984	51.45+08	11.8+3.3	865	1106	19.78 - 32	54.3 - 2.3	865
995	12.04+29	42.8+0.2	865	1108	36.04+11	41.2 - 3.2	808
1007	38.44 00	57.3+0.5	865	1109	45.48 - 10	0.8 - 1.1	XIV.
1010	18.70+04	31.9+4.5	865	1110	51.34 - 04	21.1+1.3	865
1016	11.91 - 11	49.3 - 3.9	817	1116	33.64 - 16	6.9 - 1.3	808
1018	21.14 - 62	24.9 - 0.6	865	1126	1.84+17	18.8 - 2.1	XV.
1037	2.33+12	39.1 - 0.3	IX.	1134	23.88 - 33	7.9 - 6.4	808

I. (807) +0.01 -0.8; (808) +0.03 +1.0; (817) +0.04 -1.2; (863) -0.09 -0.5. **II.** (808) -0.03 -0.1; (817) +0.04 +0.1. **III.** (808) +0.04 -0.7; (817) -0.04 +0.7. **IV.** (808) +0.03 +0.2; (817) -0.02 -0.1. **V.** (817) +0.02 -0.7; (863) -0.01 +0.8. **VI.** (808) -0.08 -1.4; (864) +0.09 +1.5. **VII.** (807) -0.01 +0.9; (808) +0.01 -0.9. **VIII.** (817) -0.04 -0.4; (864) +0.05 +0.4. **IX.** (808) -0.01 -0.1; (817) 0.00 +0.1; (863) +0.02 -0 1. **X.** 808) +0 01 -1.9; (817) 0.00 +2.0. **XI.** (808) +0.06 +0.1; (817) -0.05 0.0. **XII.** (808) -0.01 -1.2; (817) +0.02 +1.2. **XIII.** (808) +0.03 +0.3; 817) -0.03 -0.3. **XIV.** (808) -0.09 +1.8; (852) +0.09 -1.7. **XV.** (808) +0.06 -0.6; (817) -0.06+ 0.6.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
1136	41″.71 +07	36″.2 − 3″.1	808	1541	20″.94 − 07	48″.2 − 6″.0	853
1143	18.78 +29	28.7 − 7.8	807	1551	26.93 +10	6.5 − 0.8	853
1152	9.44 +24	3.9 − 1.7	852	1575	58.95 − 16	49.3 +6.8	853
1155	53.76 − 06	31.8 +2.2	865	1582	8.53 − 28	38.6 − 1.4	853
1158	43.28 +05	58.3 − 3.7	865	1590	23.63 − 06	11.2 − 1.3	853
1160	15.11 +38	— —	852	1602	57.40 − 09	51.4 − 1.9	853
1165	3.00 − 13	51.1 +0.1	852	1603	1.92 − 19	21.3 − 1.5	853
1168	44.48 +16	31.2 +0.5	865	1612	28.95 +03	— —	853
1170	34.20 +28	52.2 +5.3	852	1623	48.93 − 08	7.5 − 0.5	853
1174	58.05 − 52	11.9 +2.8	852	1633	11.83 − 06	25.2 − 5.3	853
1176	28.04 − 04	37.4 − 2.9	865	1638	9.88 − 01	51.8 +6.0	853
1182	27.76 +21	0.7 − 4.5	865	1646	3.77 +24	— —	853
1184	27.73 − 04	45.7 +1.6	865	1652	39.29 − 09	43.4 +0.8	853
1185	38.23 +21	46.3 − 6.0	807	1657	47.29 − 05	17.3 − 4.6	853
1187	25.04 +21	24.2 − 0.3	865	1667	23.05 +11	10.0 +1.8	853
1188	28.33 − 02	28.4 − 0.6	865	1675	30.45 − 09	26.5 − 3.0	853
1193	2.08 − 13	42.2 − 1.1	I.	1683	17.12 +03	52.8 +3.3	853
1197	41.69 +02	25.7 − 0.1	865	1689	40.15 − 01	16.4 − 1.5	853
1202	2.41 − 06	8.6 − 0.9	II.	1692	41.80 − 04	19.5 − 3.2	853
1211	36.06 00	33.5 +0.6	865	1716	38.05 00	36.0 − 2.4	853
1219	7.55 +05	6.3 − 0.5	865	1722	30.15 − 10	50.8 − 1.7	853
1220	20.42 +04	32.2 − 3.1	865	1732	18.74 − 07	39.5 − 0.2	853
1233	38.44 − 11	59.6 − 0.9	865	1741	15.98 +15	40.8 +4.3	853
1242	49.98 +05	42.1 +0.3	865	1761	48.45 +25	42.8 − 7.2	853
1246	20.51 − 03	12.0 +0.2	865	1765	29.85 − 24	53.4 − 0.3	853
1265	42.30 +03	58.0 +1.5	865	1767	46.06 − 04	28.0 +0.4	853
1282	12.11 − 11	55.6 − 5.5	865	1775	9.05 − 01	37.6 +7.6	853
1283	16.87 +07	39.7 − 1.0	865	1778	44.66 − 41	5.7 +1.6	853
1284	51.10 +08	7.2 +0.6	865	1783	16.60 − 06	41.8 − 4.5	853
1292	57.52 − 09	— —	865	1799	31.60 +11	57.3 +1.8	853

I. (852) +0.10 −0.8; (865) −0.09 +0.8. II. (852) +0.12 −0.3; (865) −0.11 +0.4.

+3°　　　　　　　　　　　　　　　　　　　　　　　　　　+9°

Nummer	AR. Diff.	Diff. Decl.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
1808	14.79 - 09	29.1+8.0	854	2013	59.64+26	5.8+2.7	853
1818	51.29 - 13	1.0 - 3.5	853	2014	17.01+16	46.5+0.5	III.
1830	6.69 - 15	40.5 - 3.7	853	2019	5.80+03	38.4 - 1.1	855
1837	11.10 - 18	49.6 - 0.9	853	2032	4.11+83	30.7 - 2.8	855
1840	49.39+09	55.4 - 6.2	853	2052	52.59+12	57.1 - 2.4	855
1847	33.16+08	4.0+1.4	853	2053	54.78+04	49.9+3.4	855
1878	18.76+04	8.0+2.1	853	2077	24.54+42	40.8 - 3.8	854
1899	39.29+12	8.6+3.7	852	2086	58.30 - 16	11.0 - 2.4	855
1903	55.21+02	33.3+1.0	853	2092	34.57 00	12.3+0.8	841
1905	10.60+08	22.1 - 0.8	854	2095	12.99 - 12	39.0+0.3	842
1914	28.72+22	17.6 - 2.7	854	2099	41.35 - 12	6.5 - 2.7	855
1919	35.15+57	48.9 - 3.0	854	2100	43.65 - 01	56.4 - 1.3	855
1923	55.91+13	1.4+8.7	854	2112	43.78 - 07	55.0+0.4	855
1929	35.01+33	18.4+2.7	854	2121	34.61+24	59.1 - 0.2	IV.
1951	27.65+17	50.6 - 4.9	853	2126	4.47 - 01	22.2+1.0	855
1953	46.50 - 06	20.3+3.5	I.	2130	19.14 - 09	22.8 - 2.4	855
1960	42.03+16	42.7+1.9	853	2132	48.86+21	14.7 - 1.5	855
1967	32.52+03	13.0 - 4.8	853	2136	20.30 - 08	1.6+1.2	874
1973	13.11+06	41.7+6.8	853	2137	38.23+06	3.3+1.3	V.
1977	57.10+23	29.5 - 0.7	855	2141	53.73+48	21.0 - 0.9	854
1979	32.03 00	45.8 - 2.5	853	2147	56.16+12	24.3 - 0.5	855
1988	26.58+20	25.2+1.1	II.	2149	8.49 - 13	13.7+0.9	876
1995	31.29+66	47.1 - 1.5	853	2150	12.07 - 15	58.6+1.0	876
1996	37.74 00	42.9 - 1.5	853	2154	27.80 - 02	47.6+3.5	841
2005	43.02+01	56.3 - 3.7	853	2158	5.80+15	55.4 0.0	VI.
2009	18.96+11	23.9+4.4	853	2162	56.33 - 01	29.0+1.5	VII.
2010	21.20+24	23.0+0.3	855	2165	25.73+19	39.3 - 2.7	854

I. (853) -0.03 +0.9; (855) +0.04 -0.8. **II.** (853) -0.04 -0.2; (854) +0.01 —; (855) +0.03 +0.2. **III.** (853) +0.03 +0.8; (855) -0.02 -0.8. **IV.** (842) +0.05 —; (855) -0.05 0.0. **V.** (875) 0.00 -1.8; (876) +0.01 +1.9. **VI.** (841) +0.10 +0.6; (842) -0.05 -0.6; (875) -0.04 —. **VII.** (854) +0.03 +0.1; (855) 0.00 —; (874) -0.02 -0.1.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
2167	33.94 - 05	33.5 + 0.6	I.	2226	19.52 - 09	42.7 - 3.9	841
2173	20.28 - 09	15.3 + 1.7	II.	2228	39.37 - 03	47.5 + 1.7	VIII.
2176	34.79 + 34	13.2 + 0.2	874	2234	17.51 - 04	38.1 + 0.1	IX.
2177	43.78 - 03	40.8 + 3.8	III.	2235	33.87 + 04	31.8 - 2.4	874
2178	51.15 + 33	15.8 0.0	874	2238	3.90 - 10	40.3 + 1.0	X.
2181	17.09 - 04	42.1 + 0.4	IV.	2241	44.42 - 08	26.4 + 1.4	877
2184	41.62 + 14	40.5 + 4.7	842	2244	17.74 - 09	13.5 + 2.2	854
2187	45.20 + 52	37.1 - 2.1	874	2246	27.22 - 19	6.3 + 0.1	XI.
2189	12.58 + 07	4.3 + 1.1	875	2248	51.54 + 12	56.9 + 0.5	843
2193	30.81 00	12.9 + 2.1	V.	2251	24.92 - 02	45.5 - 0.5	XII.
2196	50.00 + 13	40.8 + 2.9	841	2252	25.22 + 03	21.0 - 1.2	876
2197	54.94 + 13	47.2 + 3.0	876	2253	27.35 + 02	33.8 + 1.4	855
2198	59.51 + 09	12.4 - 2.6	874	2256	22.28 - 22	32.1 - 0.9	856
2200	17.12 + 04	55.4 + 0.8	874	2263	10.30 - 02	11.3 - 2.5	841
2201	52.39 + 03	9.3 + 0.8	875	2270	56.73 + 10	58.2 + 0.3	876
2203	23.55 - 45	10.1 + 1.6	842	2272	0.96 + 05	58.6 - 0.5	XIII.
2210	3.76 - 39	14.0 + 0.3	874	2274	28.41 - 14	49.8 - 2.2	XIV.
2213	30.67 + 02	4.9 + 1.9	VI.	2278	54.99 - 08	— —	842
2215	2.24 - 09	51.6 - 18.8	876	2281	17.62 00	46.9 - 1.9	876
2218	12.36 00	28.5 - 4.1	854	2282	23.19 - 12	59.2 + 1.3	XV.
2219	14.31 + 04	7.7 + 1.1	842	2288	52.26 + 21	54.4 + 1.5	856
2221	38.90 - 14	10.4 + 0.4	876	2297	10.75 + 11	42.9 - 4.9	842
2223	2.80 - 28	39.2 + 0.3	VII.	2291	13.53 - 01	53.3 - 6.0	XVI.
2224	3.24 + 13	58.9 - 0.4	854	2292	22.24 + 05	28.9 - 5.8	XVII.

I. (841) +0.02 +0.2; (876) -0.02 -0.1. **II.** (842) -0.02 -0.4; (875) +0.02 +0.4. **III.** (842) -0.06 -2.2; (875) +0.06 +2.2. **IV.** (841) +0.03 -0.9; (876) -0.03 +1.0. **V.** (841) +0.02 -0.1; (876) -0.02 +0.1. **VI.** (841) -0.04 -1.6; (876) +0.04 +1.7. **VII.** (843) +0.03 +0.6; (855) +0.01 +0.9; (856) -0.09 -1.9; (874) -0.06 +0.5; (875) 0.00 —. **VIII.** (842) +0.02 —; (876) -0.02 0.0. **IX.** (855) +0.08 -0.2; (874) -0.01 +0.2. **X.** (841) 0.00 -0.8; (876) 0.00 +0.8. **XI.** (855) +0.09 -0.1; (856) -0.08 +0.1. **XII.** (841) +0.11 -1.4; (876) -0.10 +1.5. **XIII.** (856) -0.06 -1.5; (875) -0.07 +1.5. **XIV.** (843) +0.01 -0.9; (854) 0.00 +0.9. **XV.** (841) +0.02 -0.5; (876) -0.02 +0.5. **XVI.** (842) +0.03 -3.0; (875) -0.03 +3.0. **XVII.** (843) +0.17 +4.3; (856) -0.17 -4.3.

Nummer	AR Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
2293	51″.37 - 01	8″.9+2″.4	875	2345	34″.06 - 02	45″.1+3″.3	842
2296	5.40 - 08	49.4 - 1.0	I.	2347	46.72 - 10	44.8+2.0	IX.
2298	26.22 - 08	52.8 - 1.6	II.	2348	48.63+18	33.1+1.6	842
2300	52.52+11	55.6 - 1.4	III.	2349	56.29 - 01	48.9+1.6	X.
2301	2.75 - 21	12.6+0.6	IV.	2350	0.34 - 09	25.7+1.7	841
2302	9.39 - 10	31.8+0.9	841	2352	24.81 - 02	17.9 - 1.5	856
2305	20.71 - 16	13.3 - 0.8	841	2354	35.95+03	0.4+2.3	876
2307	28.79 00	55.2+3.0	V.	2363	27.60 - 04	18.7 - 0.7	876
2312	46.76+16	19.8+1.2	VI.	2364	29.65 - 03	42.9+0.7	843
2315	51.76 - 03	5.8+3.5	856	2366	56.42+02	53.8+3.7	841
2318	13.61 - 10	31.1 - 1.5	841	2367	58.76+24	50.5 - 0.6	XI.
2319	24.38 00	19.7+1.9	VII.	2368	59.31 - 08	37.8 - 0.2	XII.
2322	1.14+12	9.0 - 1.1	875	2369	1.14+03	12.9+1.1	875
2328	14.27 - 05	34.5+0.8	VIII.	2370	10.95 - 13	42.8 - 1.1	856
2329	16.56+01	30.4+0.9	841	2374	31.24+06	35.2+1.1	842
2331	21.74 - 06	22.4+0.7	875	2377	40.17 - 08	42.6+1.5	876
2332	25.36+05	59.6+3.1	876	2381	6.87 - 03	49.7 - 0.7	XIII.
2333	27.30 - 11	0.5+1.4	876	2382	9.13 - 01	3.4 - 0.3	XIV.
2334	38.06 - 08	14.2+0.7	841	2384	20.35 - 15	49.3 - 1.8	XV.
2336	49.01 - 22	24.9 - 2.0	876	2386	41.07 - 03	52.3 - 2.8	XVI.
2339	0.92 - 07	34.0+1.4	877	2391	38.82 - 02	55.6+0.7	875
2341	6.91 - 10	41.4 - 0.8	841	2393	58.50 - 06	45.5 - 0.6	XVII.
2342	10.66+16	42.1 - 0.3	825	2395	2.71 - 02	58.2+0.3	XVIII.

I. (825) -0.04 +0.3; (843) +0.07 -0.4; (856) -0.03 +0.1. **II.** (841) +0.01 +0.9; (876) 0.00 -0.8. **III.** (842) +0.03 -0.3; (875) -0.03 +0.3. **IV.** (843) +0.06 +0.5; (856) -0.05 -0.5. **V.** (842) +0.03 -1.3; (875) -0.03 +1.3. **VI.** (825) +0.03 -1.5; (854) -0.02 +1.6. **VII.** (842) +0.02 -0.8; (856) -0.06 +1.5; (875) +0.04 -0.6. **VIII.** (842) 0.00 +1.2; (856) +0.05 -0.4; (875) -0.06 -0.9. **IX.** (843) +0.07 +0.9; (856) -0.07 -0.8. **X.** (825) -0.08 -0.3; (843) +0.08 +0.4. **XI.** (842) 0.00 -2.3; (875) 0.00 +2.4. **XII.** (825) +0.10 -1.6; (843) -0.12 -0.9; (856) +0.03 +2.4. **XIII.** (841) +0.03 +1.8; (876) -0.03 -1.8. **XIV.** (843) 0.00 -0.9; (856) +0.02 +0.9; (874) -0.02 -0.1. **XV.** (841) -0.07 +0.8; (876) +0.07 -0.8. **XVI.** (841) -0.03 0.0; (842) +0.04 —. **XVII.** (841) +0.02 +1.2; (876) -0.02 -1.2. **XVIII.** (856) +0.02 -0.7; (875) -0.01 +0.7.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
2396	22.83 - 19	49.4+2.1	I.	2454	1.67 - 15	44.8+0.6	XIII.
2397	29.74+76	22.0 - 0.5	842	2459	41.91 - 01	31.7 - 3.0	XIV.
2398	31.56 - 15	54.5 - 4.5	843	2460	57.37 - 20	19.2 - 3.1	XV.
2401	4.09+11	36.0+1.5	875	2469	3.93+04	13.7+1.7	876
2403	26.27+12	38.3+1.5	875	2466	38.24 - 15	57.6 - 2.8	875
2404	45.56+01	52.7+0.8	II.	2470	7.64+07	43.4+1.5	XVI.
2418	33.82+20	31.6+3.7	874	2473	19.43+44	49.5 - 4.6	876
2420	54.14 - 02	18.9+2.1	III.	2474	22.15 - 04	— —	841
2422	0.12 - 07	— —	842	2477	56.25+11	9.3+0.3	XVII.
2424	12.37+02	23.0 - 5.4	IV.	2479	0.38+01	0.2 - 0.1	876
2425	32.93+07	51.2+0.5	842	2480	23.00+05	57.5 - 0.9	841
2428	22.34+05	21.1 - 0.1	V.	2481	25.08+08	23.9 - 2.4	874
2430	30.48+34	33.1 - 0.4	875	2483	38.06 - 29	9.0+0.7	XVIII.
2431	41.17+13	8.9 0.0	842	2485	2.32 - 07	13.4 - 0.9	841
2432	47.01 - 06	38.5+0.1	VI.	2487	4.75 - 15	53.5 - 1.6	874
2434	48.81+08	52.2 - 2 5	841	2486	4.56 - 17	33.0 - 3.3	841
2433	48.67 - 14	11.7 - 2.5	876	2488	6.96 - 13	48.9 - 3.0	842
2437	30.05+13	26.6 - 3.2	VII.	2490	10.59 - 15	26.4 - 4.4	874
2438	33.55 - 07	53.6 - 2.6	856	2494	5.80 - 07	58.6 - 1.6	842
2440	37.64 00	27.6+1.2	VIII.	2498	16.84 - 12	39.7 - 0.1	876
2443	6.84+08	1.1 - 1.1	IX.	2499	19.50+08	26.2+0.9	874
2444	18.38 - 34	30.4+1.2	X.	2500	32.70 - 05	25.2+2.0	843
2447	35.17 - 06	11.3+0.4	XI.	2504	7.98 - 28	4.1 - 1.0	841
2450	44.61+02	53.1 - 1.3	XII.	2505	16.90 - 18	50.3 - 5.3	XIX.

I. (825) -0.01 -1.0; (843) +0.07 -0.7; (874) -0.05 +1.6. **II.** (843) +0.05 +0.4; (856) -0.05 -0.3. **III.** (856) +0.03 0.0; (875) -0.02 +0.1. **IV.** (825) -0.06 +0.7; (843) +0.06 -0.7. **V.** (843) 0.00 +0.8; (856) +0.01 -0.8. **VI.** (843) -0.09 -1.9; (874) +0.09 +1.9. **VII.** (842) +0.06 -0.7; (875) -0.05 +0.7. **VIII.** (841) -0.02 +1.5; (876) +0.03 -1.5. **IX.** (842) +0.02 +0.9; (875) -0.02 -0.9. **X.** (856) +0.03 —; (874) -0.02 0.0. **XI.** (841) +0.02 +0.8; (876) -0.01 -0.8. **XII.** (842) -0.05 +1.2; (875) +0.05 -1.2 **XIII.** (841) +0.06 -0.7; (876) -0.06 +0.8 **XIV.** (856) -0.01 -1.2; (874) +0.01 +1.2. **XV.** (856) +0.02 -0.2; (874) -0.02 +0.2. **XVI.** (842) +0.05 +1.0; (875) -0.04 -1.0. **XVII.** (842) -0.02 +0.5; (875) +0.02 -0.4. **XVIII.** (876) +0.03 0.0; (877) -0.03 —. **XIX.** (843) -0.01 -0.2; (874) +0.01 +0.3.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
2506	22.59 - 05	34.7 - 0.8	876	2563	19.66+08	12.1 0.0	843
2509	50.26+16	23.8 - 1.8	842	2564	23.37+10	56.2 - 0.1	841
2511	5.08+01	49.2 - 0.1	I.	2565	26.03 - 15	55.2 - 2.4	876
2515	21.22+47	22.3 - 0.4	825	2566	27.28 ?	21.6 - 13.5	XI.
2514	21.62 - 16	37.4 - 3.4	874	2567	28.65+43	54.1+1.2	XII.
2519	48.63 - 03	3.9 - 0.8	II.	2568	53.29 - 12	34.6 - 3.9	XIII.
2521	1.10 - 18	53.2 - 2.8	825	2571	2.10 - 08	44.5 - 2.7	874
2525	27.40 - 16	— —	842	2583	19.69 - 14	24.3+0.9	XIV.
2527	36.41 00	38.1+0.3	III.	2584	24.31+06	9.3 - 0.3	876
2530	54.43 - 01	20.7+1.1	IV.	2587	56.28+04	22.3+4.6	XV.
2531	16.01+02	— —	841	2588	57.32+02	35.1+2.1	XVI.
2534	29.35 - 08	7.1+3.8	V.	2591	22.44 - 01	59.1 - 0.3	XVII.
2537	43.14+07	59.1 - 0.2	VI.	2592	30.76 - 21	55.5+3.1	843
2538	49.65+18	50.0+2.3	856	2593	42.48 - 01	38.5+0.1	XVIII.
2540	51.86 - 08	31.1+2.8	VII.	2594	46.16 - 09	5.3 - 0.5	XIX.
2543	32.21+65	3.5 - 5.8	841	2599	7.26+07	1.6 - 1.4	XX.
2547	56.62+01	45.2 - 0.1	VIII.	2602	23.00+01	5.4+14.5	875
2546	56.66+22	54.1+1.8	856	2603	25.75+23	47.9+1.8	XXI.
2550	14.28+01	22.0 - 0.3	IX.	2605	41.48 - 03	38.3+0.2	XXII.
2552	17.43+06	18.4 - 0.8	X.	2604	41.43 - 26	47.4+1.0	XXIII.
2554	25.10+89	39.6 - 3.1	874	2610	9.32 - 02	18.0+1.1	875

I. (843) +0.09 +0.6; (856) -0.09 -0.6. **II.** (843) +0.03 -1.2; (856) -0.11 -1.5; (874) +0.07 +2.6. **III.** (841) -0.10 -0.3; (876) +0.10 +0.3. **IV.** (856) +0.04 +1.3; (875) -0.04 -1.2. **V.** (825) -0.08 +1.9; (843) +0.04 -1.8; (874) +0.03 0.0. **VI.** (825) -0.08 +1.0; (843) +0.08 -0.9. **VII.** (841) -0.01 -3.9; (876) +0.01 +4.0. **VIII.** (856) -0.06 -2.2; (874) +0.07 +2.3. **IX.** (842) -0.06 —; (843) +0.07 0.0. **X.** (842) -0.13 -0.1; (843) +0.13 +0.2. **XI.** (842) +0.11 +0.6; (875) -0.10 -0.6. **XII.** (842) -0.03 +1.2; (875) +0.04 -1.1. **XIII.** (814) -0.03 -0.6.; (876) +0.03 +0.7. **XIV.** (843) +0.05 +1.0; (856) -0.10 -2.0; (874) +0.06 +0.9. **XV.** (842) -0.05 +0.1; (875) +0.06 -0.1. **XVI.** (843) +0.08 +2.1; (856) -0.10 -2.9; (874) +0.03 +0.9. **XVII.** (841) -0.04 +0.7; (876) +0.04 -0.6. **XVIII.** (842) -0.01 +0.8; (875) +0.01 -0.8. **XIX.** (841) -0.04 +1.6; (876) +0.05 -1.5. **XX.** (843) +0.05 +1.3; (856) -0.05 -1.3. **XXI.** (843) +0.03 +0.3; 856) -0.03; -0.2. **XXII.** (825) -0.12 -0.8; (874) +0.13 +0.9. **XXIII.** (841) -0.02 -0.5; (876) +0.03 +0.6.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
2617	2.17 - 02	2.4 - 3.7	856	2692	47.81 - 02	5.7 - 0.1	843
2618	18.67 - 01	6.3 + 0.9	I.	2696	22.20 - 21	20.7 - 1.3	874
2621	25.00 + 08	19.2 - 0.4	II.	2698	48.24 + 06	7.7 - 0.7	X.
2625	37.69 + 43	40.2 - 2.7	875	2701	0.77 - 09	56.9 + 0.7	876
2628	55.95 00	18.1 0.0	III.	2702	2.81 + 16	18.1 - 0.4	XI.
2627	56.54 - 73	51.7 - 0.7	875	2705	22.63 + 04	23.9 - 1.3	842
2629	1.61 + 08	55.6 + 2.6	856	2710	56.25 - 04	18.7 - 2.3	XII.
2633	11.63 + 07	7.4 - 0.8	841	2712	5.10 - 05	18.9 + 0.4	876
2637	39.30 01	51.1 + 1.2	IV.	2715	11.12 - 01	30.7 - 0.7	876
2640	1.79 + 12	48.6 + 0.2	875	2720	35.10 + 03	25.0 - 0.7	875
2643	27.40 + 04	43.8 + 1.9	V.	2721	39.67 - 12	2.7 - 0.5	876
2650	3.85 - 02	17.5 - 6.3	841	2725	59.08 + 16	19.7 - 4.4	874
2654	34.38 + 08	12.7 + 3.1	VI.	2728	27.20 - 02	8.1 - 6.5	XIII.
2655	38.18 - 01	23.5 0.0	VII.	2729	37.23 + 15	6.0 - 0.4	842
2656	44.11 00	0.3 - 0.8	842	2730	42.39 - 03	28.7 - 1.0	876
2657	46.92 + 03	6.8 - 0.7	VIII.	2732	53.22 + 01	31.6 - 2.8	XIV.
2664	16.93 + 04	45.0 + 0.1	875	2734	58.10 + 20	4.0 - 0.1	874
2669	59.05 + 07	56.6 + 5.2	875	2736	7.96 - 13	19.9 + 2.2	876
2670	3.33 - 18	28.8 + 1.6	876	2744	40.89 + 33	22.9 + 2.8	856
2671	8.63 + 11	20.1 - 0.7	IX.	2746	54.20 - 08	39.5 + 1.0	875
2678	43.16 + 08	42.0 + 1.1	856	2747	56.07 - 01	8.3 + 2.0	879
2679	45.07 + 04	6.8 + 1.6	843	2748	57.54 + 16	55.3 - 0.4	XV.
2681	49.91 + 07	24.0 - 4.1	842	2749	3.97 + 18	36.7 + 2.4	842
2687	20.45 - 18	13.4 - 1.9	842	2751	20.20 - 16	30.8 - 0.6	876
2689	35.74 + 05	10.1 - 0.1	856	2753	40.12 + 03	34.8 + 0.2	XVI.

I. (841) -0.03 +1.5; (876) +0.03 -1.4 **II.** (825) -0.07 +3.3; (874) +0.07 -3.2. **III.** (825) -0.05 -0.2; (843) +0.06 +0.2. **IV.** (843) -0.04 -1.5; (874) +0.05 +1.6. **V.** (843) +0.07 +1.0; (856) -0.07 -0.9. **VI.** (825) -0.07 +2.8; (874) +0.08 -2.8. **VII.** (843) +0.02 +2.0; (856) -0.01 -1.9. **VIII.** (843) +0.02 -0.6; (856) -0.02 +0.6. **IX.** (842) -0.08 -0.2; (875) +0.08 +0.3. **X.** (843) +0.02 +1.7; (874) -0.01 -1.7. **XI.** (843) +0.02 +0.7; (874) -0.01 -0.6. **XII.** (843) -0.01 -0.7; (856) -0.01 -0.4; (874) +0.03 +1.1. **XIII.** (843) +0.09 +2.5; (856) -0.08 -2.4. **XIV.** (825) -0.03 +1.3; (843) +0.03 -1.2. **XV.** (825) -0.06 +0.8; (843) +0.07 -0.8. **XVI.** (824) -0.04 +0.3; (843) +0.04 -0.3.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
2755	44.04+11	24.7 - 0.8	842	2858	39.52 - 46	59.7+1.7	879
2756	50.15+13	14.6 - 2.0	875	2883	53.39+08	11.4+2.1	879
2761	21.35+08	53.2 - 1.4	I.	2894	21.96 - 95	48.5 - 0.1	879
2763	48.12 - 10	13.6+0.4	876	2997	58.52+12	53.1 - 2.1	843
2766	43.73 - 11	31.2 0.0	843	3028	3.33 - 10	— —	843
2767	50.98+21	59.5 - 0 6	879	3044	59.71+03	54.6 - 3.7	843
2769	55.41+37	51.3 - 2.6	879	3058	4.54 - 21	20.8 - 2.9	843
2771	0.58 - 15	2.7 - 2.3	876	3072	8.26 - 20	21.0 - 5.1	843
2776	56.17+12	12.2 - 3.4	842	3079	24.36 - 24	37.4 - 5.9	843
2780	17.13 - 09	29.4+2.2	843	3081	27.69 - 17	44.6 - 6.3	843
2785	38.54+01	— —	875	3104	54.76 - 16	19.6 - 5.5	843
2786	46.19+14	51.0 - 0.3	879	3114	55.51+38	— —	843
2789	56.39+16	0.5+0.1	II.	3131	50.00 - 13	51.6 - 2.1	843
2794	21.76 - 01	7.1+3.5	876	3148	4.46+10	2.0 - 1.1	843
2795	23.69+13	58.9 - 1.4	III.	3150	18.54 - 16	7.8 - 5.1	843
2799	37.62+15	47.5 - 3.0	842	3167	31.96+31	35.8 - 1.8	843
2802	10.94+10	18.7+3.9	876	3175	29.59 00	21.0 - 8.3	843
2809	44.85+02	7.5 - 1.5	876	3177	37.89+15	23.3+0.7	880
2818	22.96 - 14	0.3 - 0.9	876	3195	34.27+06	— —	843
2820	48.65+23	12.1 - 4.7	IV.	3197	38.21+65	— —	843
2822	8.68+10	7.2 - 2.0	842	3231	22.34+07	41.0+1.7	880
2824	10.87+03	28.7+0.7	876	3242	56.17+08	25.9 - 0.1	880
2829	24.17+16	58.1 0.0	879	3281	19.37+11	24.5+0.3	880
2834	50.21 - 01	54.4 0.0	876	3297	7.95+17	— —	882
2837	2.97+34	9.4 - 1.8	V.	3325	48.98+02	10.5+0.5	882
2839	7.38+07	21.2 - 2.2	843	3328	55.71+16	15.4+2.9	881
2840	11.97+06	38.5+0.3	879	3333	14.60+03	54.9+1.3	882
2846	55.05 - 01	46.1+0.3	879	3339	36.07 - 04	26.3 - 2.1	882
2855	17.95 - 04	4.5+7.6	876	3340	38.46 - 02	30.0+1.7	881

I. (842) -0.02 +1.7; (875) +0.03 -1.7. **II.** (842) +0.05 +1.8; (856) -0.05 -1.8. **III.** (842) -0.04 +0.8; (856) +0.04 -0.8. **IV.** (825) 0.00 +1.2; (843) +0.01 -1.1. **V.** (825) +0.20 +0.3; (843) -0.20 -0.2.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
3341	44.67+16	22.8+0.3	881	3462	50.19+02	51.0 - 1.0	883
3344	5.06 - 04	27.4 - 0.1	880	3465	55.92 - 02	54.2+0.4	881
3355	45.48 - 14	18.0 - 2.1	826	3468	12.36+10	6.2 0.0	826
3359	54.76 - 13	27.6+0.8	881	3470	22.91 - 06	48.3+1.1	882
3363	10.40+09	11.2 - 1.4	882	3471	24.79+09	33.1+2.7	827
3364	12.25+02	15.0+1.5	881	3472	33.71+13	55.0+0.5	881
3367	22.17 - 05	8.1 - 1.2	883	3473	35.27+01	20.4+1.1	826
3376	51.31+01	17.9 - 2.1	882	3474	37.33 - 10	42.8+1.9	882
3379	5.07+09	11.5+1.2	881	3482	59.11+20	25.0+4.1	847
3383	14.72+22	1.1+0.5	881	3484	7.69+04	13.6+1.7	883
3384	21.30 - 12	20.9 - 0.5	882	3494	49.93+54	36.7+0.2	826
3396	56.62+12	13.4+1.1	883	3498	7.38+18	18.1+3.4	881
3397	57.08 - 12	51.9 - 0.3	880	3499	11.92 - 14	22.4+3.4	883
3401	3.75 - 08	46.7 - 1.8	880	3501	14.33+16	35.7 0.0	847
3406	9.63 - 04	0.4+2.4	881	3504	31.12 - 02	9.2 - 0.6	II.
3407	10.93+02	48.4 - 0.9	882	3508	40.59+22	55.0 0.0	881
3410	18.76 - 01	22.5 - 2.1	827	3509	45.35+37	52.8 - 2.8	827
3414	27.80 - 07	36.8 - 2.7	882	3510	47.46 - 30	48.7+2.0	882
3415	34.66+06	32.1+2.1	883	3516	5.74 - 09	45.8 - 1.4	III.
3418	42.91+03	4.3+1.6	881	3517	10.24 - 22	28.0 - 0.1	847
3420	46.96 00	31.8+1.4	883	3524	29.83+03	55.6 - 0.1	880
3427	4.78+18	15.6 - 4.8	882	3525	30.11+01	58.4+0.7	IV.
3430	15.31+15	19.3+1.8	881	3526	31.77 - 05	45.1+3.5	847
3441	41.31+15	49.5+1.8	881	3529	35.09+04	1.5+2.2	880
3446	4.51 - 16	34.8 - 1.5	882	3523	39.82 - 06	16.3+2.0	V.
3448	13.97+08	2.2+0.8	I.	3532	46.95+13	48.9+1.3	881
3456	30.62+21	52.7+2.0	883	3534	51.18+14	36.0+7.1	883
3460	41.28+03	36.6 - 1.8	882	3544	49.52+07	20.8+1.0	VI.

I. (847) +0.02 +0.8; (881) -0.01 -0.8. II. (826) -0.02 -0.2; (883) +0.02 +0.3. III. (826) +0.03 -0.5; (833) -0.03 +0.6. IV. (827) -0.00 +0.1; (822) +0.06 -0.1. V. (827) -0.15 +0.3; (882) +0.15 -0.3. VI. (827) -0.03 -0.9; (882) +0.04 +1.0.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
3546	0.38+15	38.5+0.8	I.	3630	45.92 - 01	51.3+1.1	847
3557	28.62 - 04	45.1+2.1	II.	3632	53.21 - 10	42.8 - 1.2	847
3560	32.76 - 03	37.4 - 0.8	827	3635	57.26 - 04	43.8+1.5	847
3563	34.65 - 16	6.9+1.8	847	3638	16.86+16	5.0+3.6	881
3562	34.49+02	17.0 - 1.1	826	3642	23.28+20	57.2+0.6	827
3574	11.16+19	7.4+0.1	881	3643	30.11+16	27.7+1.7	847
3575	11.53+01	32.0+1.9	826	3647	41.03+11	26.0+0.2	882
3576	11.98+08	46.5 - 9.8	827	3648	44.71+07	14.1 - 2.0	881
3579	33.71 - 04	39.3 - 1.0	III.	3650	54.62+01	54.4+1.2	IX.
3580	34.52+07	50.8 - 3.8	882	3655	22.79+20	50.0+1.4	827
3589	57.99+13	35.9+0.8	IV.	3657	39.20+26	31.4 - 0.6	X.
3591	27.60 - 08	48.2 - 1.5	880	3661	50.77+18	39.6+1.6	XI.
3592	36.21 - 03	50.6 - 0.8	V.	3666	3.73+09	— —	881
3593	41.62+10	16.6 - 2.3	826	3675	38.10+10	— —	881
3594	44.89 - 41	53.4+2.0	883	3678	51.55 - 09	44.5 - 1.8	826
3595	47.23+11	46.9 - 0.9	883	3684	6.05+35	— —	881
3599	2.24+21	3.4 - 1.0	826	3686	15.59 - 09	51.1+0.8	827
3601	5.96+21	51.8 - 0.6	826	3692	40.14 - 13	13.3 - 1.8	826
3605	30.44+10	25.0 - 1.6	881	3695	50.89+03	6.1 - 1.3	882
3607	38.29 - 03	32.0+3.0	882	3699	7.89+10	56.1+0.3	XII.
3609	0.67 - 06	46.0 - 0.8	VI.	3700	8.88 - 07	53.0+1.2	827
3614	9.34+01	4.6 - 0.9	827	3702	14.41 - 05	49.9+6.3	847
3617	34.02 - 01	33.8+1.3	847	3703	19.22 - 17	43.6+1.6	880
3619	43.01+11	6.9+1.2	VII.	3704	21.54 - 11	14.5 - 0.6	880
3623	10.74+09	25.5+1.8	827	3707	28.56+13	18.9+1.9	882
3628	36.06+12	54.7 - 0.5	826	3712	40.80+17	38.4+3.2	827
3629	38.29+19	37.3+5.4	VIII.	3713	43.65 - 05	12.4+1.1	882

I. (826) -0.05 +0.6; (883) +0.06 -0.6. **II.** (826) -0.09 +0.3; (883) +0.09 -0.2.
III. (847) 0.00 +0.4; (880) +0.01 -0.4. **IV.** (827) -0.11 +0.2; (882) +0.11 -0.1.
V. (847) +0.03 +0.8; (881) -0.03 -0.7. **VI.** (847) -0.03 +0.2; (880) +0.03 -0.2.
VII. (826) +0.05 +1.8; (883) -0.05 -1.7. **VIII.** (826) +0.03 -0.1; (883) -0.02 +0.1.
IX. (826) +0.05 -0.4; (883) -0.04 +0.5. **X.** (827) -0.01 -1.6; (882) +0.02 +1.7.
XI. (827) -0.05 -1.1; (882) +0.05 +1.2. **XII.** (847) +0.11 -1.6; (881) -0.10 +1.7.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
3715	45.97 - 12	47.8 - 0.6	I.	3804	25.99 - 06	— —	827
3716	47.41 - 08	43.2 - 2.3	II.	3807	29.36 - 24	51.4 - 1.7	849
3717	55.99 - 02	44.7 - 1.2	826	3809	32.71 + 19	26.5 - 9.4	883
3719	3.73 - 04	52.2 - 0.2	881	3812	46.84 + 12	19.2 - 1.3	882
3722	10.59 - 04	39.1 + 0.2	III.	3819	8.82 - 06	40.9 - 1.5	VI.
3723	14.03 + 06	15.8 - 0.1	883	3824	30.43 - 05	46.4 + 0.2	VII.
3730	45.07 + 02	40.5 - 0.1	847	3825	32.33 + 08	5.0 - 1.4	826
3731	51.88 + 11	43.7 + 0.2	827	3830	48.49 + 15	4.3 + 1.4	882
3734	7.10 - 01	5.9 + 0.7	882	3831	4.47 00	47.1 - 3.2	882
3739	21.14 - 18	9.0 - 1.2	826	3836	18.77 - 08	42.2 - 0.4	VIII.
3747	48.89 + 05	28.7 + 1.5	882	3837	20.94 + 12	9.9 + 1.9	847
3748	51.79 - 17	59.2 - 0.1	847	3841	32.04 - 02	45.5 + 1.0	883
3753	3.83 + 03	49.6 - 0.7	827	3843	33.21 - 04	44.2 - 1.8	IX.
3754	8.34 - 11	27.0 - 0.6	826	3842	33.00 - 53	47.9 - 1.3	849
3764	47.08 - 05	42.3 - 2.2	IV.	3848	42.67 + 07	51.1 - 3.5	831
3767	51.04 + 07	50.3 + 1.7	826	3849	45.31 - 07	29.7 + 1.7	847
3768	55.94 + 06	4.2 - 1.9	847	3858	16.90 00	38.4 + 0.2	X.
3774	28.11 + 26	49.2 - 0.5	826	3867	44.32 + 21	46.5 + 1.0	XI.
3775	31.08 + 10	15.8 - 0.5	V.	3870	58.66 - 06	20.7 - 1.0	882
3778	44.86 + 06	33.7 - 0.2	847	3874	8.30 - 05	11.5 + 0.8	883
3786	23.89 + 02	50.7 + 2.8	826	3875	16.11 + 13	19.8 - 0.2	XII.
3788	28.88 00	1.6 - 2.6	847	3877	28.72 - 24	32.8 + 2.1	832
3791	33.93 - 01	2.1 - 0.6	847	3878	28.95 - 03	23.8 + 0.5	832
3793	43.12 + 04	22.6 - 1.7	883	3881	35.28 + 02	34.5 - 4.5	880
3799	8.20 + 21	16.3 + 1.7	882	3882	36.40 - 05	58.5 + 0.8	847
3800	12.11 - 13	— —	827	3884	42.55 + 01	52.0 + 2.4	827

I. (847) +0.07 -1.0; (881) -0.07 +0.9. **II.** (847) -0.01 -1.4; (881) +0.01 +1.5. **III.** (847) +0.05 +0.2; (831) -0.05 -0.2. **IV.** (827) -0.02 0.0; (849) +0.03 —. **V.** (827) 0.00 +0.3; (882) +0.01 -0.2. **VI.** (826) -0.03 +0.6; (832) +0.04 -1.2; (849) -0.01 +1.3; (883) +0.02 -0.6. **VII.** (827) -0.03 +1.0; (847) +0.04 -1.0. **VIII.** (826) -0.05 +1.4; (832) +0.07 -1.4; (849) -0.01 +0.1. **IX.** (827) -0.21 0.0; (882) +0.21 0.0. **X.** (826) -0.02 +0.7; (832) +0.05 -1.1; (849) -0.04 +0.3. **XI.** (826) -0.19 +1.6; (849) +0.20 -1.5. **XII.** (847) +0.08 +0.7; (881) -0.07 -0.7.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
3893	11.00+20	35.4 - 0.2	I.	3944	49.63 02	59.8+1.1	847
3895	12.80+20	23.3+0.8	882	3946	53.99+06	15.9 - 1.4	IX.
3984	13.11 - 13	49.8 - 1.6	II.	3947	0.53 - 14	19.0+1.5	848
3900	28.88 - 13	54.8 - 2.0	881	3949	9.18 - 06	45.9 - 1.2	881
3903	31.27 - 04	15.2+0.2	849	3952	15.16 00	5.7 - 4.1	882
3904	32.42+06	34.7 - 0.8	881	3953	15.26 - 05	57.5+1.5	848
3905	41.13 - 07	21.4+4.6	826	3954	23.52+02	23.2+0.7	848
3906	48.46+14	52.3+0.9	880	3957	35.16+03	24.4+6.6	847
3907	49.32+01	0.9+0.6	847	3959	39.13+02	21.1 - 3.7	880
3912	57.26 - 06	25.9+0.9	881	3962	0.80 - 11	41.1+1.1	X.
3914	58.25+16	14.4+14.9	883	3963	0.96 - 02	56.3 - 2.0	882
3916	1.90 - 06	20.4 - 0.5	849	3964	3.40 - 04	52.3 - 1.8	880
3917	6.04+06	57.8+0.1	III.	3965	18.93 - 15	26.9 - 1.6	880
3919	13 43+25	32.6 - 0.3	883	3977	48.08 00	55.5+1.8	847
3920	21.17 - 07	14.4 - 0.1	IV.	3979	51.55 - 11	19.8 - 2.0	XI.
3922	28.00 - 02	47.4 - 0.6	V.	3985	11.42+16	5.1+1.7	832
3924	38.96 - 10	18.1+0.4	VI.	3986	16.66 - 13	42.6+0.3	XII.
3928	56.70+06	20.1+1.1	VII.	3989	32.57+10	41.8 - 4.9	847
3929	2.86+07	10.3 - 0.3	VIII.	3991	44.30+08	45.2+0.3	880
3930	12.01+04	8.7+0.7	881	3992	45.76 - 01	57.5 - 4.4	847
3932	13.07+11	2.6 - 1.5	827	3995	0.78 - 01	— —	848
3933	14.91 - 05	0.5 - 1.5	826	3994	0.42+11	22.1+1.8	847
3938	37.17+02	25.0 - 1.2	880	4001	15.63+10	16.9+3.2	XIII.
3939	37.16+09	14.0 - 0.4	880	4003	17.98+06	38.2 - 1.8	880
3940	39.12+06	26.5+2.0	848	4005	20.56 - 11	25.2 0.0	881

I. (847) +0.07 -1.0; (881) -0.07 +1.0. **II.** (826) +0.01 +1.4; (883) 0.00 -1.3. **III.** (848) +0.04 -0.8; (882) -0.04 +0.8. **IV.** (827) -0.01 +1.3; (832) +0.02 -1.3. **V.** (847) -0.07 +0.4; (880) +0.07 -0.3. **VI.** (847) -0.02 -0.6; (880) +0.03 +0.6. **VII.** (826) 0.00 +0.1; (851) +0.01 0.0. **VIII.** (826) -0.02 +0.2; (849) [-0.44] —; (851) 0.00 -0.1; (883) +0.01 0.0. **IX.** (827) +0.01 -0.5; (882) 0.00 +0.5. **X.** (826) -0.06 +3.4; (849) +0.05 -0.6; (851) +0.01 -1.3; (883) +0.01 -1.6. **XI.** (849) -0.03 +0.5; (851) +0.03 -0.5. **XII.** (827) +0.04 +2.8; (848) +0.03 -2.2; (882) -0.08 -0.6. **XIII.** (832) +0.06 +0.9; (848) -0.06 -0.9.

+3° +9°

Nummer	AR Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
4008	32.18+12	44.0 - 0.2	I.	4080	30.11+11	15.6+2.3	848
4009	34.69 ?	29.7 - 1.4	882	4085	52.74+15	10.0 - 2.3	XI.
4010	42.18+09	15.4 - 1.5	881	4086	56.01 - 04	10.0 - 0.4	881
4017	11.54+04	4.1+0.6	II.	4089	8.24+09	10.2 - 1.3	XII.
4019	20.63+02	9.3 - 0.1	881	4091	23.05 - 16	46.2+2.1	881
4020	21.11+03	55.7 - 1.6	82	4095	37.12 - 08	55.7+1.1	881
4025	42.69 - 02	50.7 - 2.2	849	4096	47.77 - 45	45.6+0.6	882
4026	43.71+02	53.1+0.3	III.	4099	2.01 - 04	18.7+1.5	XIII.
4030	54.85+05	40.4 - 0.7	IV.	4102	23.70+21	24.5+0.2	XIV.
4034	20.06+06	56.5+0.4	881	4104	25.59+13	23.4+0.2	XV.
4038	33.99 - 05	25.7 - 2.4	V.	4109	38.15+08	25.6 - 2.9	XVI.
4044	10.44+15	26.8 - 1.9	882	4110	38.23+05	55.6 - 3.1	XVII.
4053	41.18+09	16.4+0.4	VI.	4111	39.75+01	26.6 - 0.3	XVIII.
4056	52.52 - 03	46.6+0.5	826	4112	42.36+15	25.0 - 0.3	847
4059	2.30 - 04	36.0 - 1.0	VII.	4113	43.31+03	31.0 - 3.3	847
4061	5.70 - 07	28.5 0.0	848	4117	17.36 - 02	18.6+1.4	XIX.
4060	5.75 - 05	28.4+0.6	881	4120	39.24 - 14	15.1+0.2	881
4062	15.36+12	9.7 - 0.5	VIII.	4125	54.96 - 06	43.8 - 1.8	848
4063	20.77+05	42.7+0.2	882	4126	57.35 - 11	43.5 0.0	881
4064	21.04+03	7.2+4.0	IX.	4127	2.39 - 01	32.6 - 2.8	847
4067	42.97 - 01	31.6+1.2	848	4129	11.76+05	46.7 - 1.8	XX.
4074	3.45+13	53.4+0.7	X.	4131	22.87+02	38.2 - 0.4	XXI.
4079	16.40 - 04	17.1 - 1.0	881	4136	34.91 - 14	20.4+0.7	832

I. (826) -0.02 +2.6; (849) +0.02 -2.5. **II.** (827) -0.02 0.0; (848) +0.03 -0.4; (882) -0.02 +0.3. **III.** (832) +0.13 0.0; (848) -0.13 —. **IV.** (826) -0.07 +2.9; (832) +0.07 -2.9. **V.** (826) -0.11 -0.5; (849) +0.10 +0.7; (883) 0.00 -0.2. **VI.** (849) -0.02 +0.3; (883) +0.03 -0.2. **VII.** (827) -0.07 -0.2; (832) +0.08 +0.2. **VIII.** (827) -0.15 -0.2; (832) +0.16 +0.2. **IX.** (849) -0.02 -0.7; (883) +0.03 +0.8. **X.** (827) -0.08 +0.3; (848) +0.04 -0.2; (882) +0.04 -0.6. **XI.** (826) -0.04 +0.1; (849) +0.04 -0.1. **XII.** (827) +0.08 -0.3; (882) -0.08 +0.4. **XIII.** (832) +0.08 -1.4; (848) -0.07 +1.5. **XIV.** (826) -0.01 +1.7; (883) +0.01 -1.7. **XV.** (826) -0.02 +2.9; (832) -0.03 -3.0; (849) +0.06 +0.1. **XVI.** (827) +0.07 0.0; (882) -0.06 —. **XVII.** (827) +0.14 0.0; (882) -0.14 —. **XVIII.** (847) -0.04 -0.3; (881) +0.05 +0.4; **XIX.** (827) -0.03 -0.1; (832) +0.02 +1.5; (848) +0.01 -1.5. **XX.** (826) -0.07 +0.4; (832) +0.07 -0.4. **XXI.** (849) +0.01 -0.6; (851) -0.02 +0.6; (883) +0.01 [+9.7].

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
4138	38.72 - 08	36.9 - 4.2	826	4202	14.14 - 01	47.2 - 2.8	IX.
4139	42.77 - 08	56.1 - 0.9	882	4203	20.50 00	32.0 + 0.4	826
4145	20.80 + 01	45.4 - 0.9	I.	4204	21.85 - 24	51.7 - 18.1	883
4147	28.86 - 13	33.7 - 2.2	849	4205	21.85 - 18	21.7 - 16.6	883
4150	37.18 - 08	52.6 - 0.1	881	4206	26.48 - 17	26.1 - 3.3	X.
4151	40.06 - 05	26.7 - 2.1	826	4215	47.28 - 09	12.5 + 0.3	XI.
4153	46.41 + 02	47.4 + 0.1	II.	4220	55.87 + 03	26.6 - 0.7	847
4156	50.61 + 03	49.2 - 0.7	847	4225	22.32 + 14	1.7 - 2.3	826
4158	58.71 + 02	30.8 0.0	III.	4226	25.38 + 19	31.2 - 0.9	847
4159	0.58 + 04	26.1 + 2.4	883	4229	36.47 - 05	50.6 - 1.2	851
4161	9.77 - 01	10.6 - 3.2	881	4232	55.19 + 12	8.6 - 0.6	XII.
4166	20.03 00	44.4 - 0.3	849	4240	15.93 - 17	33.9 - 3.0	847
4167	26.07 + 11	29.7 - 3.9	826	4241	18.50 - 24	44.7 + 0.2	827
4169	44.42 + 02	42.7 - 0.9	847	4243	21.50 + 06	32.8 + 0.8	848
4170	44.99 - 04	28.2 - 0.5	IV.	4244	21.72 + 11	30.3 + 2.4	849
4172	0.03 - 23	33.0 - 1.3	V.	4246	39.14 - 18	58.2 - 0.1	XIII.
4173	1.54 - 08	35.2 0.0	847	4255	11.14 + 04	33.0 - 0.5	XIV.
4175	5.54 - 09	39.5 - 3.1	VI.	4256	11.69 - 10	2.8 + 0.4	XV.
4178	11.04 - 33	56.3 - 1.2	847	4261	23.57 - 01	39.5 + 0.5	XVI.
4183	28.80 - 12	43.4 - 3.1	883	4266	42.41 - 09	59.0 - 0.7	827
4186	30.00 - 05	13.9 - 2.0	VII.	4268	52.07 - 45	12.9 + 1.3	847
4189	35.21 - 05	14.9 - 1.0	847	4276	25.98 + 07	46.3 - 1.8	XVII.
4197	0.90 - 01	1.9 - 1.4	VIII.	4281	35.98 + 03	5.4 + 1.4	848
4199	4.81 - 03	23.8 + 1.4	847	4284	52.37 - 18	47.8 - 0.3	847

I. (827) +0.09 +1.7; (832) +0.02 -1.9; (848) -0.07 —; (882) -0.03 +0.3. **II.** (851) -0.01 +0.2; (883) +0.01 -0.1. **III.** (827) +0.03 +1.3; (832) +0.09 -1.2; (848) +0.01 —; (882) -0.11 -0.2. **IV.** (826) +0.07 +2.4; (849) -0.06 -2.4. **V.** (848) 0.00 -1.0; (881) 0.00 +1.0. **VI.** (832) +0.09 -1.0; (882) -0.09 +1.1. **VII.** (826) -0.02 +1.3; (849) +0.02 -1.3. **VIII.** (827) -0.02 —; (832) +0.07 -1.9; (882) -0.06 +2.0. **IX.** (849) -0.09 +0.3; (883) +0.09 -0.3. **X.** (827) +0.08 —; (882) -0.07 0.0. **XI.** (832) -0.02 +0.1; (848) +0.02 0.0. **XII.** (827) +0.03 +0.2; (882) -0.02 -0.1. **XIII.** (849) -0.05 +0.7; (883) +0.05 -0.6. **XIV.** (847) +0.06 +0.6; (888) -0.06 -0.5. **XV.** (827) +0.03 +1.4; (848) -0.03 -1.3. **XVI.** (849) -0.06 -0.8; (883) +0.06 +0.9. **XVII.** (847) -0.05 0.0; (880) +0.05 —.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
4289	″ 2.81 - 01	″ ″ 16.7+0.4	I.	4390	″ 34.75 - 09	″ ″ 20.4 - 1.9	847
4293	18.62 00	2.6 - 2.4	849	4393	47.70+10	43.8+6.7	880
4295	21.54 - 04	17.1 - 0.9	II.	4399	6.91+18	11.2+3.0	849
4300	38.05+01	29.8+0.1	III.	4400	20.88+04	50.9 - 0.8	883
4303	49.13 - 14	11.0+1.2	880	4402	25.48 - 03	37.7+0.5	883
4304	49.38+11	9.4 - 0.1	IV.	4405	43.76 - 07	32.1 - 2.2	847
4313	19.86 - 39	21.5 - 2.8	848	4412	55.06 - 18	33.9 - 0.8	847
4315	22.06+08	17.1+5.9	849	4413	57.43+10	24.9+2.8	849
4316	22.16+03	20.8 - 0.9	V.	4420	27.46+09	— —	848
4324	35.71 - 24	38.7 - 1.9	849	4428	51.85+02	58.5+0.1	849
4331	52.62 - 09	2.4 - 1.9	847	4430	59.89+20	4.1 - 1.5	848
4330	52.80 - 27	40.3 - 3.2	883	4436	17.44+10	17.7 - 1.4	849
4336	20.26+22	15.0 - 0.9	847	4439	29.17 - 04	36.1 - 1.3	848
4338	27.28 - 05	22.0 - 1.9	880	4445	50.82+10	21.4 - 1.0	847
4340	28.38 - 19	20.9 - 0.3	848	4448	57.23+29	5.9 - 0.2	858
4341	32.10 - 02	20.8+0.1	880	4454	18.36+10	44.6 - 1.3	880
4344	37.66 00	20.6+0.9	848	4455	19.92 - 08	14.5 - 2.9	847
4345	38.71 - 10	50.9+1.9	883	4456	19.86+17	35.8+0.8	848
4350	48.53 - 18	41.6 0.0	883	4457	20.26 - 06	45.1 - 1.6	849
4356	7.98+26	54.3 - 2.0	849	4467	49.45 - 53	23.7 - 8.8	VI.
4357	13.53 - 15	38.1+0.9	849	4468	51.89 - 09	38.1 - 0.4	847
4360	23.29 - 05	28.0 - 2.5	847	4482	42.24 - 10	34.6 - 0.7	857
4363	28.89 - 06	31.2+1.0	832	4484	49.19 - 01	50.4+2.8	VII.
4365	30.79 - 05	23.2+1.0	848	4492	10.37 - 17	28.8+0.2	848
4370	55.29-0.26	51.5+0.2	847	4493	13.20 - 07	3.5 - 3.4	883
4376	8.85 - 08	55.9 - 6.9	832	4495	18.34+05	43.5 - 0.3	VIII.
4382	24.49 - 06	49.8+.09	848	4497	27.27+11	58.1 - 0.5	860
4389	34.61+01	35.6+0.8	848	4499	48.90 - 02	3.7+0.2	IX.

I. (427) -0.05 +0.1; (848) +0.06 -0.1. **II.** (847) +0.03 +1.4; (880) -0.03 -1.4. **III.** (827) -0.05 +0.1; (848) +0.06 -0.1. **IV.** (849) -0.02 -0.8; (883) +0.03 +0.8. **V.** (847) +0.02 -1.0; (880) -0.01 +1.1. **VI.** (848) -0.06 -0.4; (857) +0.06 +0.5. **VII.** (847) +0.08 +2.1; (862) -0.08 -2.1. **VIII.** (860) +0.02 +1.0; (861) -0.01 -0.9. **IX.** (860) +0.02 +1.0; (861) -0.01 -0.9.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
4502	57.00+12	34.6+1.7	I.	4588	6.22 00	10.7 - 3.2	IX.
4506	2.26 - 14	56.0 - 0.2	883	4590	10.47+02	44.3 - 1.3	X.
4508	3.88 - 24	10.9+1.3	848	4592	10.85+15	0.1+3.2	860
4509	3.92 - 06	5.5 0.0	848	4597	22.29 - 03	11.7+1.2	XI.
4511	10.69+21	48.0+1.6	847	4598	28.70+04	20.4 - 0.8	XII.
4514	21.53+18	27.4+0.5	848	4601	40.76+06	32.4 - 2.5	XIII.
4520	41.03+04	54.4+1.0	860	4603	51.21 - 15	35.7+2.6	861
4525	2.49 - 07	2.8+3.7	857	4609	16.51+03	37.0+1.6	832
4526	7.91 - 05	58.2 - 2.1	847	4610	19.10+08	18.7 - 5.1	XIV.
4527	8.97+13	21.8 - 5.4	860	4619	35.46+21	54.8+4.8	847
4529	10.82 - 39	0.6 - 2.9	857	4620	38.22+02	36.8+2.6	861
4536	29.23+16	42.9 - 3.5	832	4628	22.40 - 11	5.1+1.9	832
4538	31.14 - 07	48.4 - 0.3	II.	4629	22.95 - 25	58.4 - 2.6	861
4542	35.70 - 02	48.3 - 1.4	847	4630	25.91+11	46.5+5.1	862
4546	51.03 - 14	2.7+0.4	III.	4631	31.21 - 01	7.8 - 1.7	857
4553	9.07+06	45.5 - 3.3	847	4644	0.84+05	3.9 - 1.6	857
4554	9.41 - 06	41.5+3.3	848	4649	32.80 - 05	42.1+0.1	XV.
4556	25.84+16	0.8 - 1.4	860	4650	45.52+09	6.4+3.3	862
4559	33.53+19	33.7 - 3.0	862	4653	57.25 - 04	1.6+0.7	859
4566	58.73 - 07	1.0 - 0.3	IV.	4657	20.60 - 10	38.6+1.1	857
4571	4.86 - 04	28.6+0.6	V.	4661	37.66 - 03	50.2+7.8	862
4572	5.94+11	24.7+1.9	VI.	4664	46.17 - 35	43.7+2.1	857
4574	11.63+07	19.6 - 2.4	VII.	4667	1.06 - 18	37.4+3.4	857
4578	29.08+08	11.6+0.9	848	4681	48.61 - 18	9.2 0.0	862
4584	59.20 - 17	36.3+0.7	VIII.	4684	57.09 - 08	7.9+0.3	XVI.

I. (847) +0.06 +2.0; (862) -0.06 -2.0. **II.** (832) -0.02 +0.5; (857) +0.03 -0.5. **III.** (860) 0.00 +3.0; (861) 0.00 -3.0. **IV.** (849) +0.11 -0.4; (883) -0.11 +0.4. **V.** (847) +0.05 +0.9; (862) -0.04 -0.9. **VI.** (860) -0.07 +1.0; (861) +0.07 -0.9. **VII.** (849) -0.06 -0.2; (857) +0.05 -2.2; (883) 0.00 +2.3. **VIII.** (849) -0.01 +1.8; (857) +0.06 -2.1; (883) -0.05 +0.4. **IX.** (849) +0.05 -1.0; (857) -0.03 -2.7; (883) -0.01 +3.8. **X.** (858) -0.11 -0.9; (859) +0.11 +1.0. **XI.** (832) +0.03 +0.1; (848) -0.03 —; (857) +0.01 0.0. **XII.** (847) +0.02 +1.1; (862) -0.02 -1.0. **XIII.** (858) -0.02 +0.1; (859) +0.02 0.0. **XIV.** (860) -0.05 +1.5; (861) +0.05 -1.5. **XV.** (860) -0.06 +0.5; (861) +0.07 -0.4. **XIV.** (860) -0.03 +1.0; (861) +0.03 -1.0.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
4693	23.65+22	43.3+2.5	860	4767	0.05+10	1.8 - 1.3	VII.
4694	30.95+09	31.1+1.9	857	4769	17.82 - 11	39.5+1.2	VIII.
4701	52.30+02	29.5+1.3	857	4770	21.86 - 12	33.6 - 0.8	861
4699	50.93 00	17.5 0.0	862	4774	30.97+47	4.0+3.7	849
4702	0.71 - 12	52.4 - 2.6	861	4776	39.27 - 65	7.8 - 1.0	IX.
4703	9.28+10	29.6 - 2.0	I.	4782	54.26 - 02	58.3 - 2.9	X.
4704	16.33+18	56.6 - 9.9	II.	4784	1.41 - 11	51.9 - 0.4	848
4708	28.59 - 09	44.9+1.5	III.	4790	33.20 - 20	47.4+1.5	832
4711	42.36+06	48.1+0.5	860	4793	39.89+20	0.3 - 1.0	858
4713	54.76 - 04	39.9+2.5	857	4796	45.11+11	6.7 - 1.9	832
4723	31.22 - 12	0.9+1.2	857	4802	15.38+02	8.7 - 1.1	XI.
4728	35.32+25	48.7 - 0.1	832	4804	18.43 - 03	49.0+0.9	XII.
4726	35.27+12	26.3 - 1.7	849	4805	33.05 - 06	20.3+0.8	XIII.
4727	35.48 - 16	55.2 - 0.8	IV.	4808	41.45+08	25.1 - 0.5	862
4731	46.27 - 25	15.6 - 1.6	861	4811	55.78+03	28.6 - 0.8	849
4732	46.92 - 01	51.5+0.8	862	4816	5.97 - 08	6.6 - 0.4	XIV.
4739	59.08 - 31	36.2+1.4	832	4819	18.65+08	26.2 - 0.6	862
4740	3.78 - 04	3.2+1.9	857	4823	35.36+25	37.0+0.8	857
4741	4.63+08	56.7+1.3	849	4826	37.54 - 02	9.4+2.7	861
4742	16.59 - 02	21.5 - 0.7	849	4829	50.27 - 30	16.3 - 3.1	832
4744	20.72 - 23	6.0 - 0.2	848	4830	54.46 - 16	53.5 - 1.7	857
4749	37.28+12	31.3+0.8	862	4840	33.71+02	22.0+0.3	832
4750	44.98+07	12.5 0.0	V.	4845	43.82 - 12	56.9 - 2.6	849
4752	56.92 - 12	59.7 ?	VI.	4847	52.01+09	21.7 - 0.8	860
4756	14.13+06	11.4+0.5	857	4849	3.02 - 03	14.0+1.1	848

I. (860) -0.02 -0.5; (861) +0.03 +0.6. **II.** (849) +0.01 -0.2; (858) +0.06 +0.7; (859) -0.06 -0.4. **III.** (849) +0.06 -0.9; (859) -0.05 +0.9. **IV.** (848) 0.00 +0.5; (860) 0.00 -0.4. **V.** (849) +0.03 +2.3; (859) -0.02 -2.3. **VI.** (848) +0.08 +0.2; (860) -0.08 -0.2. **VII.** (832) -0.01 +2.8; (857) +0.01 -2.8. **VIII.** (832) +0.02 +1.0; (857) -0.02 -0.9. **IX.** (849) -0.02 +1.0; (857) +0.02 -0.9. **X.** (860) -0.09 +0.5; (861) +0.09 -0.5. **XI.** 832) 0 00 +0 3; (849) -0.06 +0.7; (857) +0.05 -1.0. **XII.** (848) -0.04+1.1; (857) +0.04 -1.1. **XIII.** (848) +0.01 +0.4; (860) +0.01 +1.7; (861) -0.02 -2.2. **XIV.** (848) -0.03 +1.1; (860) +0.03 -1.1.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″	
4855	20.25 - 02	23.3 - 0.4	861
4861	49.82 - 16	55.3 - 0.4	I.
4864	1.16 - 01	30.3 - 0.6	861
4868	38.25 + 01	56.5 + 5.4	II.
4870	38.50 + 03	23.2 - 0.7	III.
4876	48.35 - 08	17.1 + 5.4	857
4878	49.10 - 06	27.4 - 2.0	848
4881	6.20 - 09	21.4 + 0.5	862
4884	10.08 + 06	46.3 + 1.0	IV.
4888	14.22 + 09	13.2 - 2.7	849
4889	28.97 + 17	59.8 + 2.4	862
4891	30.08 + 01	16.7 - 1.4	861
4892	35.50 + 40	22.5 + 2.9	862
4897	48.85 - 01	30.6 - 1.1	857
4899	52.35 - 11	35.3 - 3.0	862
4902	56.20 - 02	47.7 - 3.3	84[illegible]
4906	12.42 + 01	48.6 + 1.0	861
4908	18.26 - 41	46.1 - 1.3	V.
4909	19.52 + 23	38.0 - 0.5	858
4916	37.46 + 07	58.1 0.0	VI.
4917	37.57 - 03	26.9 - 0.1	848
4920	43.33 + 04	14.0 - 7.8	861
4930	14.36 + 01	40.5 - 3.3	VII.
49[illegible]7	45.96 + 04	4.4 - 1.3	861
4940	48.19 + 15	9.7 - 2.4	VIII.
4942	59.69 + 21	6.1 - 0.3	862
4947	20.24 - 02	0.5 - 1.0	IX.
4946	19.71 00	54.9 + 0.1	X.
4951	48.72 + 01	34.2 - 2.4	849
4953	54.23 - 29	12.7 - 0.2	861
4955	57.69 + 05	54.3 - 3.3	832
4971	39.52 - 04	41.7 - 2.0	857
4972	42.97 - 04	5.9 - 0.2	849
4974	48.10 - 05	58.7 - 0.2	849
4983	22.16 + 01	31.1 - 2.3	832
4987	41.12 + 07	37.5 + 0.8	849
4988	44.07 + 30	10.5 - 1.1	849
4989	54.06 - 06	25.9 + 4.1	832
4995	31.51 - 09	18.8 - 1.2	862
5002	52.1[illegible] + 09	43.4 + 0.3	XI.
5003	57.32 - 24	53.8 - 1.5	849
5008	4.00 - 14	22.6 - 0.1	849
5013	— —	6.8 - 4.8	859
5016	26.56 + 11	41.4 - 0.4	862
5026	3.47 + 04	54.5 - 2.6	861
5027	5.17 + 03	35.1 - 3.0	849
5030	11.45 00	20.4 + 0.1	862
5031	12.06 + 11	5.5 - 4.5	861
5033	17.53 + 15	47.2 + 0.5	862
5036	24.48 + 03	15.0 - 2.1	832
5039	43.32 + 09	24.6 + 1.6	857
5046	15.00 + 14	59.4 - 2.9	XII.

I. (832) -0.05 +1.1; (848) +0.10 -0.3; (857) -0.04 -0.7. **II.** (832) -0.05 +1.6; (849) +0.06 -1.5. **III.** (848) -0.05 -0.8; (861) +0.06 +0.9. **IV.** (832) -0.01 +1.0; (849) +0.01 -0.9. **V.** (832) +0.01 -0.7; (849) -0.01 +0.7. **VI.** (832) -0.03 -1.2; (849) -0.04 +1.2; (857) +0.08 +0.1. **VII.** (832) +0.01 +0.6; (848) 0.00 -0.5. **VIII.** (849) +0.11 -1.0; (859) -0.11 +1.0. **IX.** (832) +0.02 +0.7; (857) -0.02 -0.7. **X.** (832) +0.03 +0.2; (857) -0.02 -0.1. **XI.** (832) +0.03 +1.4; (857) -0.02 -1.3. **XII.** (832) +0.02 +0.3; (857) -0.01 -0.2.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
5051	29.07 - 02	31.6 - 1.4	862	5213	25.97+21	— —	857
5054	38.59 - 02	13.8 0.0	I.	5215	37.07 - 14	23.4 - 1.4	862
5059	57.01 - 12	45.9+7.2	861	5221	7.48+05	43.9 - 0.9	861
5061	4.97 - 24	42.6+6.1	861	5226	29.84 - 01	45.1 - 1.4	862
5074	57.02 - 10	37.8 - 3.5	832	5227	35.42 - 11	39.4 - 2.4	857
5076	58.21+07	14.4+2.2	832	5228	42.08+77	16.9 - 3.1	862
5088	15.40+18	33.4+2.6	861	5230	44.34+01	31.0 - 2.6	857
5089	18.51+24	17.0 - 3.3	832	5247	35.11+41	9.6 - 1.1	862
5091	30.62 - 08	17.0 - 0.1	861	5249	40.54 - 12	25.1 - 0.1	861
5093	34.15+03	39.6 - 1.6	832	5267	14.26+18	17.7 - 7.5	861
5097	49.07+02	50.5+1.6	861	5270	32.43 - 10	31.3 - 0.2	857
5108	39.50 - 05	49.2 - 3.5	832	5284	21.85 - 05	59.7 - 2.3	861
5111	— —	13.7+0.2	859	5289	41.94+06	51.5 - 1.1	857
5120	28.98+03	28.3 - 2.4	861	5296	15.32+06	56.6 - 2.3	861
5122	48.26 - 09	8.7+4.5	862	5306	5.31+21	47.0+1.7	833
5124	0.16 - 12	10.4 - 0.5	862	5308	18.84+12	14.8 - 2.7	857
5126	7.08+07	28.5+0.3	861	5315	56.99 - 08	40.2 - 1.4	861
5132	20.75 - 29	17.4 - 4.4	857	5321	14.07 - 12	49.6+3.9	862
5139	58.05+01	6.2 - 1.1	II.	5326	47.05+03	5.4+1.6	857
5140	5.96+19	21.9 - 0.1	861	5328	56.14+24	56.6 - 5.1	862
5143	13.08+07	4.3+2.2	832	5330	58.80+18	40.6 - 2.9	862
5157	6.44 - 03	46.5 - 1.9	III.	5342	44.24 - 25	25.2 - 5.1	857
5160	25.65+14	1.1+1.8	857	5371	39.86 - 96	45.2+4.3	857
5171	59.89 - 11	9.1 - 8.6	861	5396	17.94 - 14	1.7 - 4.6	857
5177	31.26 - 18	46.2 - 1.7	857	5399	24.33 - 07	40.0 - 0.4	833
5180	36.20+12	51.3 - 1.0	832	5402	46.56+48	35.1 - 3.1	833
5183	39.70 - 13	55.8 - 2.0	857	5405	52.81 - 06	8.0 - 3.7	862
5185	52.31+17	47.1 - 0.8	861	5413	21.33+49	39.7 - 0.2	833
5200	44.79+01	5.8 - 3.5	861	5485	55.27 - 12	35.1+0.4	833
5202	50.45+02	53.3+2.1	857	5490	34.41 - 36	18.4 - 3.9	862

I. (832) +0.01 -0.6; (857) 0.00 +0.7. **II.** (832) -0.07 0.0; (857) +0.08 +0.1. **III.** (832) 0.00 -1.1; (857) 0.00 +1.1.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.
5499	11.46 - 04	34.4 - 0.9	862
5505	22.00 + 09	43.7 + 1.2	833
5517	10.43 - 17	32.2 - 0.4	862
5520	21.25 + 09	6.0 + 0.7	833
5530	2.62 + 04	0.8 + 1.6	833
5535	25.27 + 20	19.2 0.0	833
5564	25.12 - 09	26.9 + 1.0	833
5574	19.03 + 10	56.8 + 2.3	833
5582	47.43 - 06	49.1 - 1.6	862
5594	41.01 00	57.0 - 2.5	862
5605	51.94 + 01	45.2 - 0.7	833
5612	37.36 - 08	47.1 + 0.7	833
5705	23.02 + 15	51.5 + 0.3	833
5714	11.77 + 27	37.6 - 2.7	833
5760	59.97 + 06	28.1 + 1.3	833
5768	42.25 + 23	4.7 - 2.1	833
5849	58.25 00	26.1 + 7.5	833
5854	33.27 + 19	32.3 - 1.5	833
5916	49.06 - 77	55.7 + 3.0	833
5938	59.34 + 32	57.9 + 1.1	833
5940	4.26 + 62	48.6 + 0.5	833
5959	43.39 + 01	16.0 - 4.7	833
5960	45.16 00	26.0 + 1.1	833
6042	50.47 + 20	39.6 - 1.5	833
6119	10.44 + 05	10.1 - 3.0	833

Decl. von -3° bis -9°.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.
534	49.19 + 16	3.0 + 3.1	834
549	3.38 - 07	43.6 - 2.8	834
557	15.81 - 25	45.9 + 0.9	834
559	47.50 - 30	35.1 + 1.5	834
569	14.58 - 11	32.2 - 3.0	834
578	20.54 - 08	38.3 - 0.3	I.
585	57.05 - 07	23.4 + 0.3	802
587	55.58 + 08	28.2 + 1.0	802
588	29.05 - 14	53.6 - 0.7	802
589	44.34 + 06	30.8 + 0.5	802
590	59.61 + 15	58.5 + 3.1	802
591	25.47 + 09	13.9 - 1.7	834
592	31.56 - 03	30.8 - 2.8	834
596	3.77 - 23	38.5 + 0.7	802
600	7.55 - 09	53.4 - 1.3	II.
606	36.62 - 02	41.9 + 1.5	834
613	43.03 - 04	6.0 + 0.5	III.
614	48.59 - 03	9.5 + 0.8	802
624	41.64 - 07	50.9 + 5.0	IV.
630	31.32 - 15	47.2 - 0.4	802
632	52.14 + 02	7.3 + 2.2	835
635	22.80 - 03	16.6 + 0.9	802
638	1.71 - 05	9.0 + 3.5	802
644	7.05 - 04	42.9 + 0.8	835
646	31.83 + 19	55.4 - 1.8	835
649	3.58 00	51.0 + 2.9	834
651	26.17 + 10	59.2 + 0.5	802
657	11.67 - 52	41.8 - 2.1	802
662	23.81 - 01	46.7 - 2.5	802
685	14.18 + 02	35.2 - 3.0	802
687	46.15 + 08	55.6 - 1.4	802
694	48.01 + 02	54.3 + 1.7	802
703	57.09 + 12	1.9 - 5.0	802

I. (802) -0.01 -2.3; (834) +0.01 +2.2. **II.** (834) +0.05 -1.1; (835) -0.05 +1.1; **III.** (834) +0.01 -0.1; (835) -0.01 0.0. **IV.** (802) -0.03 -3.2: (834) +0.04 +3.1.

-3° -9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
709	40″.1[illegible] - 18	43″.8 + 2″.2	802	779	8″.88 + 49	40″.0 - 1″.4	803
711	10.99 - 18	35.8 + 3.1	802	785	20.44 + 21	— —	834
714	16.53 - 10	27.9 + 3.1	834	788	57.67 + 07	42.7 + 4.9	IV.
715	44.10 - 09	12.3 + 2.2	I.	791	25.01 - 10	38.6 - 1.4	836
716	56.16 - 12	9.9 + 1.7	II.	793	47.19 + 26	28.9 - 0.6	803
718	36.28 + 28	11.7 - 2.5	834	799	44.35 + 62	1.3 + 1.5	834
722	36.53 - 48	32.6 - 0.1	III.	800	53.98 - 17	14.6 + 4.3	803
724	45.46 - 19	3.6 - 5.5	802	801	56.68 - 24	6.1 - 1.8	802
726	6.28 - 08	25.8 - 4.3	802	802	17.47 + 48	0.9 + 2.1	V.
728	33.01 - 69	44.7 - 1.5	834	804	3.83 - 04	15.3 + 1.0	803
729	52.06 + 14	24.5 - 1.8	834	805	11.03 - 28	45.2 + 3.3	836
730	53.23 - 07	22.9 + 3.6	803	807	34.36 + 14	8.4 - 0.8	VI.
737	13.65 - 05	52.4 - 4.2	802	808	41.24 + 30	9.0 - 1.0	803
740	56.11 + 11	12.9 - 2.9	834	810	17.60 + 06	58.4 + 0.7	802
742	6.37 - 20	46.0 + 0.1	834	812	25.56 + 16	9.1 - 0.2	VII.
744	3.05 + 06	39.4 - 4.5	803	814	49.47 + 19	36.5 - 1.9	834
745	5.24 - 37	5.5 + 4.2	803	813	58.14 + 19	0.2 - 4.6	802
746	8.92 + 10	27.9 + 2.3	834	822	52.46 + 34	1.7 + 1.7	VIII.
753	58.76 + 04	44.1 - 1.5	834	826	20.93 - 02	— —	834
757	14.20 + 15	4.1 - 1.5	802	828	48.29 + 54	45.9 + 0.4	802
759	13.88 + 15	53.1 + 5.7	802	830	51.06 + 68	50.9 - 0.2	803
763	40.86 + 25	8.4 + 3.6	802	831	30.53 + 04	50.2 - 1.8	IX.
765	16.01 + 20	22.2 + 11.8	803	832	44.54 - 14	11.5 - 2.0	802
768	45.34 - 09	14.3 - 1.8	834	836	21.52 - 02	48.2 - 1.1	802
771	50.08 - 10	26.0 + 1.1	802	837	41.68 + 11	46.3 + 2.9	803
774	6.22 + 04	25.9 + 3.0	802	838	58.82 + 08	40.5 + 1.8	X.

I. (802) -0.02 -0.5; (834) +0.03 +0.5. **II.** (802) +0.07 -1.5; (834) -0.07 +1.5. **III.** (802) -0.13 -0.3; (834) +0.14 +0.3. **IV.** (802) +0.02 -2.4; (835) -0.01 +2.3. **V.** (834) -0.10 +0.9; (835) -0.06 -0.9 (836) +0.17 0.0. **VI.** (834) -0.08 -0.6; (835) 0.00 —; (836) +0.09 +0.6. **VII.** (834) -0.10 +0.4; (836) +0.11 -0.4. **VIII.** (834) -0.06 -0.1; (836) +0.06 +0.1. **IX.** (834) -0.06 +1.0; (835) -0.05 —; (836) +0.10 -1.0. **X.** (834) -0.07 +0.6; (835) -0.11 -0.2; (836) +0.17 -0.4.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
840	13.56+06	40.7+0.9	I.	886	36.05 - 05	31.9+1.1	803
841	16.64+13	34.8 0.0	802	887	50.63 - 13	41.4+1.6	803
844	22.86 00	33.8+0.4	II.	888	52.81+02	20.3+5.1	802
849	33.33 - 23	47.0+3.5	803	890	20.97+03	36.4 - 0.1	XI.
857	59.14 - 11	6.7 - 1.2	III.	891	36.24 - 04	28.7+0.9	XII.
863	11.44+03	43.0+2.6	IV.	892	43.39+38	33.6+1.9	XIII.
864	21.81+19	43.8 - 1.2	802	894	57.88 - 02	25.3+0.8	803
866	34.07+04	45.4+2.1	V.	895	1.63+12	16.7+3.5	XIV.
867	48.95 - 31	35.0 - 5.4	835	897	19.46+25	10.8 - 6.2	834
871	14.53+13	21.0 - 1.2	803	898	31.28+53	41.0 - 1.0	XV.
874	47.08 - 12	58.6 - 2.8	802	900	5.45 - 15	38.1+1.5	803
876	32.16 - 04	7.4+0.9	VI.	905	28.29+12	4.8 - 6.4	802
878	52.98 - 15	18.5+5.1	VII.	906	35.45 - 23	38.6 - 2.7	834
879	14.35 - 02	12.5 - 4.2	802	907	46.28+03	5.6+4.6	XVI.
880	26.96+16	50.6 - 4.7	802	909	44.34+14	28.8 - 1.5	803
882	46.31+09	53.0 - 0.1	VIII.	911	55.60+13	9.4+0.9	XVII.
884	26.37+50	42.9 - 1.4	IX.	913	48.22+22	53.1+3.6	803
885	32.54+07	35.5+0.9	X.	914	11.98 - 16	22.5+8.1	XVIII.

I. (834) 0.00 +0.6; (836) +0.01 -0.7. **II.** (834) 0.00 -0.1; (835) 0.00 +0.1. **III.** (835) -0.10 +0.6; (836) +0.15 -0.4; (837) -0.04 -0.3. **IV.** (834) -0.04 +1.7; (835) -0.04 +1.9; (836) +0.08 +0.8; (837) +0.04 -1.1; (838) -0.05 -3.3. **V.** (834) +0.07 +0.2; (835) -0.05 +3.4; (836) +0.12 +1.4; (837) -0.11 -2.5; (838) -0.05 -2.7. **VI.** (835) -0.10 +1.0; (836) +0.11 -1.1. **VII.** (837) 0.00 -0.4; (838) +0.01 +0.3. **VIII.** (802) -0.02 -1.7; (834) -0.20 -0.6; (835) +0.02 +2.2; (836) +0.04 +1.3; (838) +0.06 -1.8; (839) +0.09 +0.5. **IX.** (834) -0.01 +1.1; (835) -0.02 +1.4; (836) +0.03 -2.6. **X.** (837) -0.04 +0.1; (838) +0.05 -0.2. **XI.** (835) -0.03 +3.5; (836) +0.03 -3.5. **XII.** (834) -0.01 +2.8; (837) +0.04 +0.2; (838) -0.04 -3.1. **XIII.** (802) +0.04 -0.8; (840) -0.03 +0.8. **XIV.** (836) +0.11 +1.9; (837) -0.04 -2.0; (839) -0.08 +1.1; 840) +0.01 -0.9. **XV.** (834) -0.05 +3.3; (837) +0.02 -1.5; (838) +0.04 -1.7. **XVI.** (835) -0.07 -0.5; (836) +0.07 +0.5. **XVII.** (802) +0.03 -1.7; (834) -0.13 0.0; (835) -0.07 +2.0; (836) -0.06 +2.2; (837) -0.02 -1.7; (838) +0.01 -1.9; (839) +0.15 +2.4; (840) +0.08 -1.0. **XVIII.** (837) +0.02 -0.7; (838) +0.02 +0.1; (839) +0.07 +2.3; (840) -0.10 -1.6.

-3° -9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
916	57.49+39	33.3+2.1	I.	952	20.84+03	17.5 - 3.9	803
918	12.31+39	5.1+10.6	802	954	56.53+27	35.0 - 2.4	803
920	16.78+34	12.8+8.2	802	953	56.92 - 07	2.0 - 10.5	X.
922	50.86+06	58.5+3.7	II.	957	20.37 - 03	32.3 - 2.4	XI.
923	51.61 - 06	13.5 0.0	III.	958	56.17 - 06	6.1+2.4	803
924	21.20 - 12	28.3+3.0	803	959	28.10 - 03	7.6+1.6	XII.
925	54.12+42	28.0+4.0	IV.	960	38.26+13	16.9+0.1	XIII.
926	13.02+05	0.7 - 1.4	803	963	20.05+02	24.7+1.3	803
929	22.58 - 07	20.4 - 5.1	802	964	11.05+07	27.8 - 6.5	803
931	30.94+06	43.0 - 3.5	803	967	31.91+06	39.9+0.6	803
932	51.98+12	— —	V.	971	34.28+14	53.1 - 1.4	XIV.
934	9.56+32	25.4+5.7	803	973	51.46 - 19	41.2+0.3	XV.
935	31.97+01	16.3+7.0	VI.	975	27.09 - 05	16.3 - 3.0	802
939	0.43 00	13.3 - 6.6	802	976	42.43 - 08	50.5+5.4	803
940	19.61 - 01	42.6 - 0.8	803	977	46.58 - 02	16.1+1.9	803
941	35.25 - 23	4.9 - 0.9	VII.	980	54.06 - 11	43.3+6.1	XVI,
942	59.11+02	58.8 - 3.8	802	978	51.21+05	56.1 - 1.4	XVII.
945	42.78 - 16	33.7 - 2.0	VIII.	981	25.59+05	36.9+3.1	803
946	45.29+10	48.3+1.8	803	982	25.63+16	55.2+0.6	XVIII.
951	20.35+03	26.0+2.5	IX.	983	35.54 - 01	2.5+2.9	XIX.

I. (835) -0.07 +2.3; (836) +0.03 +2.1; (837) -0.03 -0.8; (838) +0.07 -2.0; (839) -0.02 -0.7; (840) +0.04 -0.7. **II.** (802) -0.01 -1.7; (836) +0.01 +1.7; **III.** (835) 0.00 +1.9; (836) +0.09 0.0; (837) -0.09 -2.0; (838) -0.02 -1.2; (839) +0.01 +2.1; (840) -0.01 -0.8. **IV.** (837) -0.07 -0.5; (839) +0.07 +0.5. **V.** (835) -0.02 —; (836) +0.03 —. **VI.** (802) -0.02 -1.9; (836) 0.00 +2.1; (839) -0.07 +1.4; (840) +0.11 -1.6. **VII.** (836) +0.02 +0.8; (839) -0.02 -0.9. **VIII.** (802) -0.01 -1.9; (835) -0.07 —; (836) +0.09 +2.4; (838) -0.01 -0.6. **IX.** (802) -0.04 -1.4; (835) -0.15 +0.1; (836) -0.01 +2.1; (839) +0.04 +1.5; (840) +0.16 -2.5. **X.** (802) 0.00 -2.0; (836) -0.08 +2.7; (840) +0.09 -0.8. **XI.** (802) -0.01 -3.4; (835) +0.10 +3.5; (839) -0.08 -0.2. **XII.** (802) +0.01 -2.5; (836) +0.01 +3.8; (838) -0.03 -1.4. **XIII.** (836) +0.01 +1.7; (838) -0.03 -2.5; (839) +0.02 +0.9. **XIV.** (837) +0.02 -0.9; (838) -0.01 -0.2; (840) -0.02 +1.2. **XV.** (837) -0.02 0.0; (838) -0.04 -0.3; (840) +0.05 +0.2. **XVI.** (802) +0.01 -0.6; (840) 0.00 +0.6. **XVII.** (837) +0.01 +1.1; (838) -0.01 -1.2. **XVIII.** (837) +0.10 +0.1; (838) -0.09 -0.2. **XIX.** (837) -0.04 +0.6; (838) +0.05 -0.6.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
4502	57.00+12	34.6+1.7	I.	4588	6.22 00	10.7 - 3.2	IX.
4506	2.26 - 14	56.0 - 0.2	883	4590	10.47+02	44.3 - 1.3	X.
4508	3.88 - 24	10.9+1.3	848	4592	10.85+15	0.1+3.2	860
4509	3.92 - 06	5.5 0.0	848	4597	22.29 - 03	11.7+1.2	XI.
4511	10.69+21	48.0+1.6	847	4598	28.70+04	20.4 - 0.8	XII.
4514	21.53+18	27.4+0.5	848	4601	40.76+06	32.4 - 2.5	XIII.
4520	41.03+04	54.4+1.0	860	4603	51.21 - 15	35.7+2.6	861
4525	2.49 - 07	2.8+3.7	857	4609	16.51+03	37.0+1.6	832
4526	7.91 - 05	58.2 - 2.1	847	4610	19.10+08	18.7 - 5.1	XIV.
4527	8.97+13	21.8 - 5.4	860	4619	35.46+21	54.8+4.8	847
4529	10.82 - 39	0.6 - 2.9	857	4620	38.22+02	36.8+2.6	861
4536	29.23+16	42.9 - 3.5	832	4628	22.40 - 11	5.1+1.9	832
4538	31.14 - 07	48.4 - 0.3	II.	4629	22.95 - 25	58.4 - 2.6	861
4542	35.70 - 02	48.3 - 1.4	847	4630	25.91+11	46.5+5.1	862
4546	51.03 - 14	2.7+0.4	III.	4631	31.21 - 01	7.8 - 1.7	857
4553	9.07+06	45.5 - 3.3	847	4644	0.84+05	3.9 - 1.6	857
4554	9.41 - 06	41.5+3.3	848	4649	32.80 - 05	42.1+0.1	XV.
4556	25.84+16	0.8 - 1.4	860	4650	45.52+09	6.4+3.3	862
4559	33.53+19	33.7 - 3.0	862	4653	57.25 - 04	1.6+0.7	859
4566	58.73 - 07	1.0 - 0.3	IV.	4657	20.60 - 10	38.6+1.1	857
4571	4.86 - 04	28.6+0.6	V.	4661	37.66 - 03	50.2+7.8	862
4572	5.94+11	24.7+1.9	VI.	4664	46.17 - 35	43.7+2.1	857
4574	11.63+07	19.6 - 2.4	VII.	4667	1.06 - 18	37.4+3.4	857
4578	29.08+08	11.6+0.9	848	4681	48.61 - 18	9.2 0.0	862
4584	59.20 - 17	36.3+0.7	VIII.	4684	57.09 - 08	7.9+0.3	XVI.

I. (847) +0.06 +2.0; (862) -0.06 -2.0. **II.** (832) -0.02 +0.5; (857) +0.03 -0.5. **III.** (860) 0.00 +3.0; (861) 0.00 -3.0. **IV.** (849) +0.11 -0.4; (883) -0.11 +0.4. **V.** (847) +0.05 +0.9; (862) -0.04 -0.9. **VI.** (860) -0.07 +1.0; (861) +0.07 -0.9. **VII.** (849) -0.06 -0.2; (857) +0.05 -2.2; (883) 0.00 +2.3. **VIII.** (849) -0.01 +1.8; (857) +0.06 -2.1; (883) -0.05 +0.4. **IX.** (849) +0.05 -1.0; (857) -0.03 -2.7; (883) -0.01 +3.8. **X.** (858) -0.11 -0.9; (859) +0.11 +1.0. **XI.** (832) +0.03 +0.1; (848) -0.03 —; (857) +0.01 0.0. **XII.** (847) +0.02 +1.1; (862) -0.02 -1.0. **XIII.** (858) -0.02 +0.1; (859) +0.02 0.0. **XIV.** (860) -0.05 +1.5; (861) +0.05 -1.5. **XV.** (860) -0.06 +0.5; (861) +0.07 -0.4. **XIV.** (860) -0.03 +1.0; (861) +0.03 -1.0.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
4693	23.65+22	43.3+2.5	860	4767	0.05+10	1.8 - 1.3	VII.
4694	30.95+09	31.1+1.9	857	4769	17.82 - 11	39.5+1.2	VIII.
4701	52.30+02	29.5+1.3	857	4770	21.86 - 12	33.6 - 0.8	861
4699	50.93 00	17.5 0.0	862	4774	30.97+47	4.0+3.7	849
4702	0.71 - 12	52.4 - 2.6	861	4776	39.27 - 65	7.8 - 1.0	IX.
4703	9.28+10	29.6 - 2.0	I.	4782	54.26 - 02	58.3 - 2.9	X.
4704	16.33+18	56.6 - 9.9	II.	4784	1.41 - 11	51.9 - 0.4	848
4708	28.59 - 09	44.9+1.5	III.	4790	33.20 - 20	47.4+1.5	832
4711	42.36+06	48.1+0.5	860	4793	39.89+20	0.3 - 1.0	858
4713	54.76 - 04	39.9+2.5	857	4796	45.11+11	6.7 - 1.9	832
4723	31.22 12	0.9+1.2	857	4802	15.38+02	8.7 - 1.1	XI.
4728	35.32+25	48.7 - 0.1	832	4804	18.43 - 03	49.0+0.9	XII.
4726	35.27+12	26.3 - 1.7	849	4805	33.05 - 06	20.3+0.8	XIII.
4727	35.48 - 16	55.2 - 0.8	IV.	4808	41.45+08	25.1 - 0.5	862
4731	46.27 - 25	15.6 - 1.6	861	4811	55.78+03	28.6 - 0.8	849
4732	46.92 - 01	51.5+0.8	862	4816	5.97 - 08	6.6 - 0.4	XIV.
4739	59.08 - 31	36.2+1.4	832	4819	18.65+08	26.2 - 0.6	862
4740	3.78 - 04	3.2+1.9	857	4823	35.36+25	37.0+0.8	857
4741	4.63+08	56.7+1.3	849	4826	37.54 - 02	9.4+2.7	861
4742	16.59 - 02	21.5 - 0.7	849	4829	50.27 - 30	16.3 - 3.1	832
4744	20.72 - 23	6.0 - 0.2	848	4830	54.46 - 16	53.5 - 1.7	857
4749	37.28+12	31.3+0.8	862	4840	33.71+02	22.0+0.3	832
4750	44.98+07	12.5 0.0	V.	4845	43.82 - 12	56.9 - 2.6	849
4752	56.92 - 12	59.7 ?	VI.	4847	52.01+09	21.7 - 0.8	860
4756	14.13+06	11.4+0.5	857	4849	3.02 - 03	14.0+1.1	848

I. (860) -0.02 -0.5; (861) +0.03 +0.6. **II.** (849) +0.01 -0.2; (858) +0.06 +0.7; (859) -0.06 -0.4. **III.** (849) +0.06 -0.9; (859) -0.05 +0.9. **IV.** (848) 0.00 +0.5; (860) 0.00 -0.4. **V.** (849) +0.03 +2.3; (859) -0.02 -2.3. **VI.** (848) +0.08 +0.2; (860) -0.08 -0.2. **VII.** (832) -0.01 +2.8; (857) +0.01 -2.8. **VIII.** (832) +0.02 +1.0; (857) -0.02 -0.9. **IX.** (849) -0.02 +1.0; (857) +0.02 -0.9. **X.** (860) -0.09 +0.5; (861) +0.09 -0.5. **XI.** (832) 0.00 +0.3; (849) -0.06 +0.7; (857) +0.05 -1.0. **XII.** (848) -0.04 +1.1; (857) +0.04 -1.1. **XIII.** (848) +0.01 +0.4; (860) +0.01 +1.7; (861) -0.02 -2.2. **XIV.** (848) -0.03 +1.1; (860) +0.03 -1.1.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
4855	20.25 - 02	23.3 - 0.4	861	4947	20.24 - 02	0.5 - 1.0	IX.
4861	49.82 - 16	55.3 - 0.4	I.	4946	19.71 00	54.9 + 0.1	X.
4864	1.16 - 01	30.3 - 0.6	861	4951	48.72 + 01	34.2 - 2.4	849
4868	38.25 + 01	56.5 + 5.4	II.	4953	54.23 - 29	12.7 - 0.2	861
4870	38.50 + 03	23.2 - 0.7	III.	4955	57.69 + 05	54.3 - 3.3	832
4876	48.35 - 08	17.1 + 5.4	857	4971	39.52 - 04	41.7 - 2.0	857
4878	49.10 - 06	27.4 - 2.0	848	4972	42.97 - 04	5.9 - 0.2	849
4881	6.20 - 09	21.4 + 0.5	862	4974	48.10 - 05	58.7 - 0.2	849
4884	10.08 + 06	46.3 + 1.0	IV.	4983	22.16 + 01	31.1 - 2.3	832
4888	14.22 + 09	13.2 - 2.7	849	4987	41.12 + 07	37.5 + 0.8	849
4889	28.97 + 17	59.8 + 2.4	862	4988	44.07 + 30	10.5 - 1.1	849
4891	30.08 + 01	16.7 - 1.4	861	4989	54.06 - 06	25.9 + 4.1	832
4892	35.50 + 40	22.5 + 2.9	862	4995	31.51 - 09	18.8 - 1.2	862
4897	48.85 - 01	30.6 - 1.1	857	5002	52.1[illegible] + 09	43.4 + 0.3	XI.
4899	52.35 - 11	35.3 - 3.0	862	5003	57.32 - 24	53.8 - 1.5	849
4902	58.20 - 02	47.7 - 3.3	84[illegible]	5008	4.00 - 14	22.6 - 0.1	849
4906	12.42 + 01	48.6 + 1.0	861	5013	— —	6.8 - 4.8	859
4908	18.26 - 41	46.1 - 1.3	V.	5016	26.56 + 11	41.4 - 0.4	862
4909	19.52 + 23	38.0 - 0.5	858	5026	3.47 + 04	54.5 - 2.6	861
4916	37.46 + 07	58.1 0.0	VI.	5027	5.17 + 03	35.1 - 3.0	849
4917	37.57 - 03	26.9 - 0.1	848	5030	11.45 00	20.4 + 0.1	862
4920	43.33 + 04	14.0 - 7.8	861	5031	12.06 + 11	5.5 - 4.5	861
4930	14.36 + 01	40.5 - 3.3	VII.	5033	17.53 + 15	47.2 + 0.5	862
4937	45.96 + 04	4.4 - 1.3	861	5036	24.48 + 03	15.0 - 2.1	832
4940	48.19 + 15	9.7 - 2.4	VIII.	5039	43.32 + 09	24.6 + 1.6	857
4942	59.69 + 21	6.1 - 0.3	862	5046	15.00 + 14	59.4 - 2.9	XII.

I. (832) -0.05 +1.1; (848) +0.10 -0.3; (857) -0.04 -0.7. **II.** (832) -0.05 +1.6; (849) +0.06 -1.5. **III.** (848) -0.05 -0.8; (861) +0.06 +0.9. **IV.** (832) -0.01 +1.0; (849) +0.01 -0.9. **V.** (832) +0.01 -0.7; (849) -0.01 +0.7. **VI.** (832) -0.03 -1.2; (849) -0.04 +1.2; (857) +0.08 +0.1. **VII.** (832) +0.01 +0.6; (848) 0.00 -0.5. **VIII.** (849) +0.11 -1.0; (859) -0.11 +1.0. **IX.** (832) +0.02 +0.7; (857) -0.02 -0.7. **X.** (832) +0.03 +0.2; (857) -0.02 -0.1. **XI.** (832) +0.03 +1.4; (857) -0.02 -1.3. **XII.** (832) +0.02 +0.3; (857) -0.01 -0.2.

+3° +9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
5051	29.07 - 02	31.6 - 1.4	862	5213	25.97+21	— —	857
5054	38.59 - 02	13.8 0.0	I.	5215	37.07 - 14	23.4 - 1.4	862
5059	57.01 - 12	45.9+7.2	861	5221	7.48+05	43.9 - 0.9	861
5061	4.97 - 24	42.6+6.1	861	5226	29.84 - 01	45.1 - 1.4	862
5074	57.02 - 10	37.8 - 3.5	832	5227	35.42 - 11	39.4 - 2.4	857
5076	58.21+07	14.4+2.2	832	5228	42.08+77	16.9 - 3.1	862
5088	15.40+18	33.4+2.6	861	5230	44.34+01	31.0 - 2.6	857
5089	18.51+24	17.0 - 3.3	832	5247	35.11+41	9.6 - 1.1	862
5091	30.62 - 08	17.0 - 0.1	861	5249	40.54 - 12	25.1 - 0.1	861
5093	34.15+03	39.6 - 1.6	832	5267	14.26+18	17.7 - 7.5	861
5097	49.07+02	50.5+1.6	861	5270	32.43 - 10	31.3 - 0.2	857
5108	39.50 - 05	49.2 - 3.5	832	5284	21.85 - 05	59.7 - 2.3	861
5111	— —	13.7+0.2	859	5289	41.94+06	51.5 - 1.1	857
5120	28.98+03	28.3 - 2.4	861	5296	15.32+06	56.6 - 2.3	861
5122	48.26 - 09	8.7+4.5	862	5306	5.31+21	47.0+1.7	833
5124	0.16 - 12	10.4 - 0.5	862	5308	18.84+12	14.8 - 2.7	857
5126	7.08+07	28.5+0.3	861	5315	56.99 - 08	40.2 - 1.4	861
5132	20.75 - 29	17.4 - 4.4	857	5321	14.07 - 12	49.6+3.9	862
5139	58.05+01	6.2 - 1.1	II.	5326	47.05+03	5.4+1.6	857
5140	5.96+19	21.9 - 0.1	861	5328	56.14+24	56.6 - 5.1	862
5143	13.08+07	4.3+2.2	832	5330	58.80+18	40.6 - 2.9	862
5157	6.44 - 03	46.5 - 1.9	III.	5342	44.24 - 25	25.2 - 5.1	857
5160	25.65+14	1.1+1.8	857	5371	39.86 - 96	45.2+4.3	857
5171	59.89 - 11	9.1 - 8.6	861	5396	17.94 - 14	1.7 - 4.6	857
5177	31.26 - 18	46.2 - 1.7	857	5399	24.33 - 07	40.0 - 0.4	833
5180	36.20+12	51.3 - 1.0	832	5402	46.56+48	35.1 - 3.1	833
5183	39.70 - 13	55.8 - 2.0	857	5405	52.81 - 06	8.0 - 3.7	862
5185	52.31+17	47.1 - 0.8	861	5413	21.33+49	39.7 - 0.2	833
5200	44.79+01	5.8 - 3.5	861	5485	55.27 - 12	35.1+0.4	833
5202	50.45+02	53.3+2.1	857	5490	34.41 - 36	18.4 - 3.9	862

I. (832) +0.01 -0.6; (857) 0.00 +0.7. **II.** (832) -0.07 0.0; (857) +0.08 +0.1. **III.** (832) 0.00 -1 1; (857) 0.00 +1.1.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
5499	11.46 - 04	34.4 - 0.9	862	559	47.50 - 30	35.1 + 1.5	834
5505	22.00 + 09	43.7 + 1.2	833	569	14.58 - 11	32.2 - 3.0	834
5517	10.43 - 17	32.2 - 0.4	862	578	20.54 - 08	38.3 - 0.3	I.
5520	21.25 + 09	6.0 + 0.7	833	585	57.05 - 07	23.4 + 0.3	802
5530	2.62 + 04	0.8 + 1.6	833	587	55.58 + 08	28.2 + 1.0	802
5535	25.27 + 20	19.2 0.0	833	588	29.05 - 14	53.6 - 0.7	802
5564	25.12 - 09	26.9 + 1.0	833	589	44.34 + 06	30.8 + 0.5	802
5574	19.03 + 10	56.8 + 2.3	833	590	59.61 + 15	58.5 + 3.1	802
5582	47.43 - 06	49.1 - 1.6	862	591	25.47 + 09	13.9 - 1.7	834
5594	41.01 00	57.0 - 2.5	862	592	31.56 - 03	30.8 - 2.8	834
5605	51.94 + 01	45.2 - 0.7	833	596	3.77 - 23	38.5 + 0.7	802
5612	37.36 - 08	47.1 + 0.7	833	600	7.55 - 09	53.4 - 1.3	II.
5705	23.02 + 15	51.5 + 0.3	833	606	36.62 - 02	41.9 + 1.5	834
5714	11.77 + 27	37.6 - 2.7	833	613	43.03 - 04	6.0 + 0.5	III.
5760	59.97 + 06	28.1 + 1.3	833	614	48.59 - 03	9.5 + 0.8	802
5768	42.25 + 23	4.7 - 2.1	833	624	41.64 - 07	50.9 + 5.0	IV.
5849	58.25 00	26.1 + 7.5	833	630	31.32 - 15	47.2 - 0.4	802
5854	33.27 + 19	32.3 - 1.5	833	632	52.14 + 02	7.3 + 2.2	835
5916	49.06 - 77	55.7 + 3.0	833	635	22.80 - 03	16.6 + 0.9	802
5938	59.34 + 32	57.9 + 1.1	833	638	1.71 - 05	9.0 + 3.5	802
5940	4.26 + 62	48.6 + 0.5	833	644	7.05 - 04	42.9 + 0.8	835
5959	43.39 + 01	16.0 - 4.7	833	646	31.83 + 19	55.4 - 1.8	835
5960	45.16 00	26.0 + 1.1	833	649	3.58 00	51.0 + 2.9	834
6042	50.47 + 20	39.6 - 1.5	833	651	26.17 + 10	59.2 + 0.5	802
6119	10.44 + 05	10.1 - 3.0	833	657	11.67 - 52	41.8 - 2.1	802
				662	23.81 - 01	46.7 - 2.5	802
	Decl. von -3° bis -9°.			685	14.18 + 02	35.2 - 3.0	802
534	49.19 + 16	3.0 + 3.1	834	687	46.15 + 08	55.6 - 1.4	802
549	3.38 - 07	43.6 - 2.8	834	694	48.01 + 02	54.3 + 1.7	802
557	15.81 - 25	45.9 + 0.9	834	703	57.09 + 12	1.9 - 5.0	802

I. (802) -0.01 -2.3; (834) +0.01 +2.2. **II.** (834) +0.05 -1.1; (835) -0.05 +1.1; **III.** (834) +0.01 -0.1; (835) -0.01 0.0. **IV.** (802) -0.03 -3.2: (834) +0.04 +3.1.

-3° -9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
709	40.18 - 18	43.8 + 2.2	802	779	8.88 + 49	40.0 - 1.4	803
711	10.99 - 18	35.8 + 3.1	802	785	20.44 + 21	— —	834
714	16.53 - 10	27.9 + 3.1	834	788	57.67 + 07	42.7 + 4.9	IV.
715	44.10 - 09	12.3 + 2.2	I.	791	25.01 - 10	38.6 - 1.4	836
716	56.16 - 12	9.9 + 1.7	II.	793	47.19 + 26	28.9 - 0.6	803
718	36.28 + 28	11.7 - 2.5	834	799	44.35 + 62	1.3 + 1.5	834
722	36.53 - 48	32.6 - 0.1	III.	800	53.98 - 17	14.6 + 4.3	803
724	45.46 - 19	3.6 - 5.5	802	801	56.68 - 24	6.1 - 1.8	802
726	6.28 - 08	25.8 - 4.3	802	802	17.47 + 48	0.9 + 2.1	V.
728	33.01 - 69	44.7 - 1.5	834	804	3.83 - 04	15.3 + 1.0	803
729	52.06 + 14	24.5 - 1.8	834	805	11.03 - 28	45.2 + 3.3	836
730	53.23 - 07	22.9 + 3.6	803	807	34.36 + 14	8.4 - 0.8	VI.
737	13.65 - 05	52.4 - 4.2	802	808	41.24 + 30	9.0 - 1.0	803
740	56.11 + 11	12.9 - 2.9	834	810	17.60 + 06	58.4 + 0.7	802
742	6.37 - 20	46.0 + 0.1	834	812	25.56 + 16	9.1 - 0.2	VII.
744	3.05 + 06	39.4 - 4.5	803	814	49.47 + 19	36.5 - 1.9	834
745	5.24 - 37	5.5 + 4.2	803	813	58.14 + 19	0.2 - 4.6	802
746	8.92 + 10	27.9 + 2.3	834	822	52.46 + 34	1.7 + 1.7	VIII.
753	58.76 + 04	44.1 - 1.5	834	826	20.93 - 02	— —	834
757	14.20 + 15	4.1 - 1.5	802	828	48.29 + 54	45.9 + 0.4	802
759	13.88 + 15	53.1 + 5.7	802	830	51.06 + 68	50.9 - 0.2	803
763	40.86 + 25	8.4 + 3.6	802	831	30.53 + 04	50.2 - 1.8	IX.
765	16.01 + 20	22.2 + 11.8	803	832	44.54 - 14	11.5 - 2.0	802
768	45.34 - 09	14.3 - 1.8	834	836	21.52 - 02	48.2 - 1.1	802
771	50.08 - 10	26.0 + 1.1	802	837	41.68 + 11	46.3 + 2.9	803
774	6.22 + 04	25.9 + 3.0	802	838	58.62 + 08	40.5 + 1.8	X.

I. (802) -0.02 -0.5; (834) +0.03 +0.5. **II.** (802) +0.07 -1.5; (834) -0.07 +1.5. **III.** (802) -0.13 -0.3; (834) +0.14 +0.3. **IV.** (802) +0.02 -2.4; (835) -0.01 +2.3. **V.** (834) -0.10 +0.9; (835) -0.06 -0.9 (836) +0.17 0.0. **VI.** (834) -0.08 -0.6; (835) 0.00 —; (836) +0.09 +0.6. **VII.** (834) -0.10 +0.4; (836) +0.11 -0.4. **VIII.** (834) -0.06 -0.1; (836) +0.06 +0.1. **IX.** (834) -0.06 +1.0; (835) -0.05 —; (836) +0.10 -1.0. **X.** (834) -0.07 +0.6; (835) -0.11 -0.2; (836) +0.17 -0.4.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
840	13″.56+06	40″.7+0″.9	I.	886	36″.05 - 05	31″.9+1″.1	803
841	16.64+13	34.8 0.0	802	887	50.63 - 13	41.4+1.6	803
844	22.86 00	33.8+0.4	II.	888	52.81+02	20.3+5.1	802
849	33.33 - 23	47.0+3.5	803	890	20.97+03	36.4 - 0.1	XI.
857	59.14 - 11	6.7 - 1.2	III.	891	36.24 - 04	28.7+0.9	XII.
863	11.44+03	43.0+2.6	IV.	892	43.39+38	33.6+1.9	XIII.
864	21.81+19	43.8 - 1.2	802	894	57.88 - 02	25.3 +0.8	803
866	34.07+04	45.4+2.1	V.	895	1.63+12	16.7+3.5	XIV.
867	48.95 - 31	35.0 - 5.4	835	897	19.46+25	10.8 - 6.2	834
871	14.53+13	21.0 - 1.2	803	898	31.28+53	41.0 - 1.0	XV.
874	47.08 - 12	58.6 - 2.8	802	900	5.45 - 15	38.1+1.5	803
876	32.16 - 04	7.4+0.9	VI.	905	28.29+12	4.8 - 6.4	802
878	52.98 - 15	18.5+5.1	VII.	906	35.45 - 23	38.6 - 2.7	834
879	14.35 - 02	12.5 - 4.2	802	907	46.28+03	5.6+4.6	XVI.
880	26.96+16	50.6 - 4.7	802	909	44.34+14	28.8 - 1.5	803
882	46.31+09	53.0 - 0.1	VIII.	911	55.60+13	9.4+0.9	XVII.
884	26.37+50	42.9 - 1.4	IX.	913	48.22+22	53.1+3.6	803
885	32.54+07	35.5+0.9	X.	914	11.98 - 16	22.5+8.1	XVIII.

I. (834) 0.00 +0.6; (836) +0.01 -0.7. **II.** (834) 0.00 -0.1; (835) 0.00 +0.1. **III.** (835) -0.10 +0.6; (836) +0.15 -0.4; (837) -0.04 -0.3. **IV.** (834) -0.04 +1.7; (835) -0.04 +1.9; (836) +0.08 +0.8; (837) +0.04 -1.1; (838) -0.05 -3.3. **V.** (834) +0.07 +0.2; (835) -0.05 +3.4; (836) +0.12 +1.4; (837) -0.11 -2.5; (838) -0.05 -2.7. **VI.** (835) -0.10 +1.0; (836) +0.11 -1.1. **VII.** (837) 0.00 -0.4; (838) +0.01 +0.3. **VIII.** (802) -0.02 -1.7; (834) -0.20 -0.6; (835) +0.02 +2.2; (836) +0.04 +1.3; (838) +0.06 -1.8; (839) +0.09 +0.5. **IX.** (834) -0.01 +1.1; (835) -0.02 +1.4; (836) +0.03 -2.6. **X.** (837) -0.04 +0.1; (838) +0.05 -0.2. **XI.** (835) -0.03 +3.5; (836) +0.03 -3.5. **XII.** (834) -0.01 +2.8; (837) +0.04 +0.2; (838) 0.04 -3.1. **XIII.** (802) +0.04 -0.8; (840) -0.03 +0.8. **XIV.** (836) +0.11 +1.9; (837) -0.04 -2.0; (839) -0.08 +1.1; 840) +0.01 -0.9. **XV.** (834) -0.05 +3.3; (837) +0.02 -1.5; (838) +0.04 -1.7. **XVI.** (835) -0.07 -0.5; (836) +0.07 +0.5. **XVII.** (802) +0.03 -1.7; (834) -0.13 0.0; (835) -0.07 +2.0; (836) -0.06 +2.2; (837) -0.02 -1.7; (838) +0.01 -1.9; (839) +0.15 +2.4; (840) +0.08 -1.0. **XVIII.** (837) +0.02 -0.7; (838) +0.02 +0.1; (839) +0.07 +2.3; (840) -0.10 -1.6.

-3° -9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
916	57.49+39	33.3+2.1	I.	952	20.84+03	17.5 - 3.9	803
918	12.31+39	5.1+10.6	802	954	56.53+27	35.0 - 2.4	803
920	16.78+34	12.8+8.2	802	953	56.92 - 07	2.0 - 10.5	X.
922	50.86+06	58.5+3.7	II.	957	20.37 - 03	32.3 - 2.4	XI.
923	51.61 - 06	13.5 0.0	III.	958	56.17 - 06	6.1+2.4	803
924	21.20 - 12	28.3+3.0	803	959	28.10 - 03	7.6+1.6	XII.
925	54.12+42	28.0+4.0	IV.	960	38.26+13	16.9+0.1	XIII.
926	13.02+05	0.7 - 1.4	803	963	20.05+02	24.7+1.3	803
929	22.58 - 07	20.4 - 5.1	802	964	11.05+07	27.8 - 6.5	803
931	30.94+06	43.0 - 3.5	803	967	31.91+06	39.9+0.6	803
932	51.98+12	— —	V.	971	34.28+14	53.1 - 1.4	XIV.
934	9.56+32	25.4+5.7	803	973	51.46 - 19	41.2+0.3	XV.
935	31.97+01	16.3+7.0	VI.	975	27.09 - 05	16.3 - 3.0	802
939	0.43 00	13.3 - 6.6	802	976	42.43 - 08	50.5+5.4	803
940	19.61 - 01	42.6 - 0.8	803	977	46.58 - 02	16.1+1.9	803
941	35.25 - 23	4.9 - 0.9	VII.	980	54.06 - 11	43.3+6.1	XVI,
942	59.11+02	58.8 - 3.8	802	978	51.21+05	56.1 - 1.4	XVII.
945	42.78 - 16	33.7 - 2.0	VIII.	981	25.59+05	36.9+3.1	803
946	45.29+10	48.3+1.8	803	982	25.63+16	55.2+0.6	XVIII.
951	20.35+03	26.0+2.5	IX.	983	35.54 - 01	2.5+2.9	XIX.

I. (835) -0.07 +2.3; (836) +0.03 +2.1; (837) -0.03 -0.8; (838) +0.07 -2.0; (839) -0.02 -0.7; (840) +0.04 -0.7. **II.** (802) -0.01 -1.7; (836) +0.01 +1.7; **III.** (835) 0.00 +1.9; (836) +0.09 0.0; (837) -0.09 -2.0; (838) -0.02 -1.2; (839) +0.01 +2.1; (840) -0.01 -0.8. **IV.** (837) -0.07 -0.5; (839) +0.07 +0.5. **V.** (835) -0.02 —; (836) +0.03 —. **VI.** (802) -0.02 -1.9; (836) 0.00 +2.1; (839) -0.07 +1.4; (840) +0.11 -1.6. **VII.** (836) +0.02 +0.8; (839) -0.02 -0.9. **VIII.** (802) -0.01 -1.9; (835) -0.07 —; (836) +0.09 +2.4; (838) -0.01 -0.6. **IX.** (802) -0.04 -1.4; (835) -0.15 +0.1; (836) -0.01 +2.1; (839) +0.04 +1.5; (840) +0.16 -2.5. **X.** (802) 0.00 -2.0; (836) -0.08 +2.7; (840) +0.09 -0.8. **XI.** (802) -0.01 -3.4; (835) +0.10 +3.5; (839) -0.08 -0.2. **XII.** (802) +0.01 -2.5; (836) +0.01 +3.8; (838) -0.03 -1.4. **XIII.** (836) +0.01 +1.7; (838) -0.03 -2.5; (839) +0.02 +0.9. **XIV.** (837) +0.02 -0.9; (838) -0.01 -0.2; (840) -0.02 +1.2. **XV.** (837) -0.02 0.0; (838) -0.04 -0.3; (840) +0.05 +0.2. **XVI.** (802) +0.01 -0.6; (840) 0.00 +0.6. **XVII.** (837) +0.01 +1.1; (838) -0.01 -1.2. **XVIII.** (837) +0.10 +0.1; (838) -0.09 -0.2. **XIX.** (837) -0.04 +0.6; (838) +0.05 -0.6.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
985	6.99+11	17.5 0.0	803	1028	25.24 - 03	41.3 - 4.1	803
986	9.24 - 02	28.8 - 4.1	802	1032	53.67+05	10.3+0.3	838
987	16.85 - 02	35.1+0.5	I.	1033	54.81 - 39	— —	837
989	52.72+11	24.0+0.9	803	1037	56.03+35	22.4+2.4	X.
993	40.15+18	51.8+3.2	803	1038	11.65+01	53.1 - 1.6	XI.
994	0.01+02	15.0+2.9	838	1040	21.11 - 12	9.7+8.9	839
996	37.76 - 11	— —	II.	1046	31.82 - 02	27.4 0.0	XII.
997	13.34 - 24	50.2 - 1.4	803	1047	39.56 00	20.0+1.4	XIII.
1001	8.78+03	57.6+1.8	III.	1052	9.38 - 09	5.1+1.8	XIV.
1003	4.78+09	7.7 - 0.3	803	1057	48.22+03	50.7 - 0.6	XV.
1004	16.83 00	30.3+1.8	IV.	1060	38.14 - 20	44.2+1.0	803
1007	7.97+10	2.5+4.1	840	1061	13.03 00	43.5 - 0.7	XVI.
1008	15.19 - 07	40.7 - 4.8	803	1063	45.88 - 13	58.0 - 0.1	XVII.
1009	39.27 - 12	11.9+1.8	V.	1067	28.17 - 20	58.2+0.9	803
1012	42.98+29	57.5+2.5	803	1071	12.14 - 02	0.8 - 1.1	XVIII.
1016	10.53 - 09	10.1 - 0.1	VI.	1074	44.01 - 16	39.1+2.1	803
1020	24.39+04	27.7 - 0.7	803	1079	47.93+05	32.7 - 2.1	XIX.
1022	48.98 - 04	46.0 - 17.5	VII.	1083	43.88 - 16	39.4+1.0	XX.
1025	42.08 - 06	46.8 - 0.5	VIII.	1092	44.69 - 20	53.4+1.4	837
1027	20.53+04	3.2 - 1.6	IX.	1093	9.88 - 15	45.2 - 0.8	XXI.

I. (837) +0.15 +0.1; (838) -0.15 -0.1. **II.** (836) -0.08 —; (837) +0.08 —. **III.** (836) -0.05 +1.3; (837) +0.06 +1.6; (838) -0.05 -1.7; (840) +0.04 -1.2. **IV.** (836) 0.00 +1.8; (839) +0.01 +0.1; (840) 0.00 -1.8. **V.** (838) -0.05 -2.0; (839) +0.01 +1.4; (840) +0.04 +0.5. **VI.** (838) -0.09 -1.7; (839) +0.06 +0.8; (840) +0.03 +0.8. **VII.** (837) +0.03 -1.1; (838) -0.05 -1.4; (839) +0.08 +2.1; (840) -0.04 +0.2. **VIII.** (838) -0.03 -1.3; (839) +0.05 +2.2; (840) -0.01 -1.0. **IX.** (838) -0.06 -1.7; (839) +0.07 +1.6. **X.** (837) +0.07 -0.2; (840) -0.07 +0.1. **XI.** (837) 0.00 -1.2; (839) +0.01 +1.1. **XII.** (838) -0.02 -0.8; (840) +0.02 +0.8. **XIII.** (837) +0.03 +0.6; (838) -0.06 -0.6; (840) +0.02 0.0. **XIV.** (837) +0.05 +0.5; (838) -0.16 -1.2; (839) +0.10 +2.8; (840) 0.00 -2.1. **XV.** (837) +0.10 -0.9; (838) -0.09 -1.1; (839) -0.01 +1.4; (840) +0.02 +0.5. **XVI.** (837) -0.10 +1.7; (838) -0.05 -0.9; (839) -0.04 +2.6. **XVII.** (837) +0.05 -0.9; (838) -0.08 -1.1; (839) -0.03 +2.3; (840) +0.05 -0.5. **XVIII.** (837) +0.16 +0.6; (838) -0.15 -0.5.; (839) 0.00 +0.9; (840) 0.00 -1.0. **XIX.** (837) +0.11 -0.4; (838) -0.05 +0.4; (839) -0.02 +0.8; (840) -0.03 -1.0. **XX.** (837) +0.04 +0.4; (838) -0.03 -0.8; (839) +0.06 +0.7; (840) -0.05 -0.2. **XXI.** (838) +0.01 -0.3; (840) 0.00 +0,2.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
1095	44.66 - 07	27.1 - 4.0	837	1176	21.12 + 18	46.7 + 6.3	838
1098	58.66 + 04	20.1 - 1.4	I.	1180	2.82 + 28	23.6 + 0.9	837
1103	45.17 - 03	57.4 + 1.7	II.	1181	7.38 + 14	1.5 - 3.8	838
1108	27.60 - 33	20.8 - 1.3	840	1199	46.43 + 15	27.9 - 1.2	838
1110	37.63 - 03	38.4 - 3.6	840	1203	15.80 - 20	30.2 - 4.6	838
1111	53.28 - 18	1.2 - 7.9	837	1206	31.07 + 08	20.2 - 4.2	838
1117	45.44 + 14	39.0 - 1.8	840	1211	38.42 - 31	21.5 - 3.5	XIV.
1120	36.81 - 39	52.4 - 6.5	840	1215	42.19 + 06	56.2 - 2.9	XV.
1124	54.07 + 18	29.0 - 3.6	III.	1216	4.88 - 09	37.7 - 2.3	838
1125	2.96 + 07	17.6 - 2.3	IV.	1217	30.30 + 16	45.0 - 5.1	XVI.
1129	5.67 - 03	49.8 - 3.2	V.	1218	52.66 - 19	40.2 - 3.1	XVII.
1132	53.30 - 01	18.1 - 0.9	VI.	1227	12.80 + 19	52.0 - 3.5	840
1137	42.05 + 02	53.0 - 1.4	838	1230	49.90 - 22	30.8 - 5.7	840
1140	18.94 - 20	19.9 - 4.0	837	1361	30.31 - 09	2.2 + 4.3	821
1142	45.85 - 01	49.7 + 3.5	VII.	1374	33.09 + 09	15.3 - 7.1	821
1149	15.64 00	16.9 + 0.5	840	1404	53.78 + 01	41.2 - 2.1	821
1150	27.67 + 27	43.8 - 3.0	838	1407	18.93 + 08	30.0 - 4.7	821
1153	0.12 - 07	26.9 - 2.3	VIII.	1419	39.44 + 07	24.8 + 4.8	821
1154	13.27 + 26	12.9 + 0.6	840	1440	2.37 + 30	42.3 - 0.5	821
1157	43.70 + 10	54.6 - 2.0	IX.	1467	30.51 - 09	41.8 + 4.1	821
1159	2.14 + 06	37.2 - 4.8	X.	1472	56.62 + 22	52.2 - 0.9	822
1165	12.67 + 12	33.8 - 5.5	837	1507	27.48 + 21	5.9 + 1.6	821
1167	46.09 + 06	14.7 - 1.1	XI.	1518	33.83 + 13	9.5 - 3.4	822
1172	33.74 - 11	41.2 - 6.9	XII.	1531	0.74 - 17	55.5 - 4.1	821
1173	54.77 - 04	— —	XIII.	1543	48.30 + 01	14.7 + 1.1	822

I. (837) +0.05 +0.6; (838) -0.05 -0.7. II. (837) +0.12 +0.3; (840) -0.11 -0.3. III. (838) 0.00 -0.8; (840) +0.01 +0.8. IV. (838) -0.05 -0.3; (840) +0.06 +0.3. V. (838) -0.10 -1.3; (840) +0.10 +1.3. VI. (838) -0.03 +0.2; (840) +0.04 -0.2. VII. (838) -0.06 +0.6; (840) +0.06 -0.7. VIII. (837) +0.01 +0.1; (838) 0.00 -0.1. IX. (837) +0.02 -0.4; (838) -0.01 +0.4. X. (837) -0.01 +0.1; (838) +0.01 -0.1. XI. (837) +0.08 +0.2; (840) -0.08 -0.3. XII. (837) 0.00 +0.3; (838) 0.00 0.0; (840) — -0.3. XIII. (837) -0.03 —; (838) +0.04 —. XIV. (838) -0.03 -0.9; (840) +0.04 +0.8. XV. (838) 0.00 +1.1; (840) 0.00 -1.2. XVI. (838) -0.04 -0.4; (840) +0.04 +0.4. XVII. (838) 0.00 -1.4; (840) 0.00 +1.4.

-3° -9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
1544	50″.01 + 04	43″.9 + 0″.8	822	1982	55″.29 + 29	31″.7 0″.0	824
1547	56.50 + 05	41.1 + 1.6	822	1987	20.78 + 13	36.9 + 2.4	824
1549	2.00 - 07	44.8 + 6.3	821	1990	53.36 + 01	45.2 + 3.3	824
1554	5.49 00	41.3 + 1.3	822	1996	3.33 + 10	39.1 + 6.2	824
1696	47.59 - 28	25.3 + 0.6	823	1998	34.54 + 11	55.3 + 5.3	824
1707	10.29 + 12	55.4 - 0.1	823	1998	34.60 + 05	41.3 - 8.7	824
1709	23.76 - 22	— —	823	2001	55.04 + 20	10.9 ?	824
1713	26.42 + 05	15.7 - 0.8	823	2003	42.72 00	31.4 + 0.8	824
1715	46.33 - 30	22.6 - 0.4	823	2005	11.99 + 08	47.1 + 1.1	824
1723	34.65 - 21	19.5 - 1.9	823	2009	19.06 - 09	32.2 + 2.2	824
1736	0.92 + 10	34.7 - 4.5	823	2027	37.69 + 02	0.3 + 4.4	824
1741	7.41 + 05	3.6 - 0.9	823	2029	58.75 + 15	11.0 - 2.7	824
1743	9.41 - 12	29.9 - 0.9	823	2037	48.24 + 50	56.4 + 0.6	824
1747	5.23 - 02	38.5 - 0.2	823	2041	45.67 + 15	15.6 - 4.3	824
1758	55.71 - 41	44.3 - 0.2	823	2069	30.57 + 05	28.0 + 0.9	824
1775	10.02 + 27	2.4 - 0.1	823	2080	18.46 + 04	39.7 - 3.1	824
1780	9.88 + 07	28.9 - 1.4	823	2083	41.87 + 04	55.7 + 1.6	824
1784	13.00 + 11	18.0 - 1.7	823	2091	36.24 + 08	17.5 + 1.3	824
1788	28.16 + 73	47.5 - 1.3	823	2096	10.81 - 19	30.2 + 6.6	824
1792	11.81 + 29	16.3 + 2.6	823	2098	16.52 - 34	7.5 - 7.8	824
1798	55.33 - 06	10.8 + 1.6	823	2108	53.92 - 11	20.9 + 1.6	824
1808	7.38 + 30	13.2 + 2.3	823	2114	38.80 + 12	0.0 + 0.1	824
1816	16.40 - 07	44.3 + 1.1	823	2120	5.03 + 13	42.5 - 5.2	824
1822	21.25 + 33	47.1 - 8.9	823	2128	54.46 + 07	6.2 - 2.9	824
1827	14.98 - 41	7.7 - 2.5	823	2134	42.03 - 09	6.4 - 2.3	824
1829	47.38 + 02	0.4 - 0.8	823	2136	59.85 - 01	16.1 - 2.3	824
1834	41.30 + 44	21.8 - 0.2	823	2143	40.02 + 39	47.7 - 3.1	824
1841	14.79 + 08	46.2 + 1.3	823	2145	54.73 00	7.7 - 8.5	824
1955	34.58 + 25	14.9 - 0.8	824	2148	7.73 + 17	39.6 + 1.6	824
1957	6.71 + 15	33.7 + 0.2	824	2151	39.12 - 15	4.9 - 5.7	824
1972	51.14 + 06	— —	824	2156	51.57 + 02	24.7 - 3.1	824
1975	3.77 + 17	12.7 + 1.0	824	2160	43.76 - 01	53.3 - 3.7	824

-3° -9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk
2161	0.60 - 41	25.9 - 3.2	824	2617	3.20+06	59.5+3.9	845
2173	9.50 - 22	57.4+1.9	824	2618	15.93 - 12	— —	845
2178	9.41 - 05	47.6+12.5	824	2621	18.66+09	50.8 - 0.7	845
2194	5.58+15	14.0 - 6.7	824	2627	17.73 - 42	30.7 - 0.5	845
2196	31.72 - 13	51.7 - 8.6	824	2631	55.83 - 03	25.9+3.9	871
2403	29.39+12	53.3+5.1	845	2644	23.71 - 19	22.1 - 5.8	845
2424	3.48+15	23.6+2.1	845	2654	39.50+13	37.0 - 3.6	845
2430	7.45+12	21.9 - 0.5	845	2656	17.06 - 27	— —	845
2443	59.52 - 23	25.5+1.4	845	2662	2.99 - 15	— —	845
2448	28.40+29	— —	845	2665	36.48+12	1.3 - 2.1	845
2459	56.09+18	36.4 - 0.2	845	2668	59.73 - 09	32.8 - 1.1	871
2462	33.69+10	23.9 - 0.4	845	2681	13.47 - 14	7.8 - 0.3	845
2468	8.28 - 05	23.0+3.5	845	2684	7.87 - 45	15.7 - 0.9	I.
2469	46.02 00	55.5+2.1	845	2687	44.95 - 11	40.7 - 0.4	845
2476	39.55+13	56.5 - 2.5	845	2694	8.19+01	4.2 - 1.9	II.
2484	36.36+05	12.6+3.2	845	2697	20.75+39	3.4+0.8	III.
2491	13.71 - 06	21.9+2.8	845	2698	4.40 - 01	20.3+1.4	871
2502	4.57 - 14	36.5+1.0	845	2703	2.71 - 02	49.2+5.5	871
2505	20.50+05	16.7 - 1.1	845	2707	3.35 - 12	28.3 - 1.9	IV.
2510	54.13 - 04	10.9+1.1	845	2719	5.71 - 13	10.6+0.1	846
2513	1.50+05	50.2 - 0.1	845	2723	34.98+01	23.8+4.1	872
2520	57.80 - 03	35.2+0.3	845	2725	46.43 - 09	12.5+0.2	872
2526	20.30+06	43.8+0.3	845	2726	47.83 - 03	50.9 - 3.0	846
2532	19.72+10	19.4+9.5	845	2727	55.19+07	53.7+6.3	872
2537	0.14 - 15	27.6 - 1.0	845	2744	52.36 - 04	15.8+2.5	871
2568	2.85 00	4.2 - 1.4	845	2749	30.99 - 04	24.9 - 0.6	872
2573	33.30 - 01	42.2 - 1.3	845	2751	36.41+18	6.5+2.2	829
2583	35.67 - 44	13.8 - 3.9	845	2753	50.99 - 24	49.5+1.9	846
2589	54.78+08	11.8 - 1.0	845	2758	19.61+02	41.2 - 4.3	871
2604	29.45+01	47.0 - 1.8	845	2765	35.70+21	26.0 - 1.1	872

I. (845) -0.07 +0.2; (846) +0.07 -0.2. II. (845) +0.02 +0.8; (846) -0.02 -0.8.
III. (845) -0.23 -0.3; (872) +0.23 +0.2. IV. (845) +0.21 +1.9; (872) -0.02 -2.0.

-3° -9

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
2770	11.07+08	29.1 - 4.1	872	2844	40.67 - 06	34.3 - 1.2	VI.
2772	25.61 00	2.5 - 4.5	I.	2847	55.41 - 02	8.4+0.9	871
2774	30.36+12	48.4+0.9	872	2850	4.78 - 20	46.9 - 2.3	831
2775	53.17 - 03	23.9 - 0.1	846	2851	4.81+05	13.3 - 0.2	846
2778	4.39 - 11	19.3+5.5	872	2852	11.42+05	34.1+2.8	830
2784	30.22 - 03	34.0+2.1	831	2859	32.68 - 01	26.3 - 0.1	830
2787	46.24 - 07	41.3 - 1.9	872	2860	35.87 - 12	47.2+1.5	846
2791	20.06+11	56.6 - 1.2	871	2862	4.65+12	54.1+2.9	830
2794	36.98+06	1.4+1.1	872	2863	5.23 00	2.9+5.0	872
2796	40.71 - 04	5.6 - 0.4	872	2870	58.23 - 15	26.5+0.5	831
2798	45.88 - 24	7.3+0.1	846	2877	31.83+03	4.0+2.3	846
2799	46.75 - 18	17.2 - 0.5	831	2878	44.27 - 06	34.4+2.2	831
2804	31.71 - 04	2.5+2.5	846	2884	13.00 - 02	4.3+0.9	846
2806	32.48+05	50.3 - 1.2	831	2887	18.32 - 03	5.8+2.2	871
2808	35.25+01	40.9 +1.0	846	2889	19.90+02	17.1+3.9	831
2809	41.88 - 05	24.2 - 0.2	872	2894	0.59 - 11	30.7+1.2	831
2810	59.30 - 04	17.0+0.5	II.	2903	26.33 - 03	23.7+0.4	VII.
2811	0.95 - 02	56.8+2.1	831	2911	53.90 00	38.8 - 1.6	871
2816	47.28 - 08	8.0+2.8	871	2919	39.38+06	57.3+0.1	872
2819	6.39+18	19.0 - 0.3	III.	2920	41.78 - 10	55.2 - 1.0	871
2820	13.13 - 08	16.9+2.7	846	2924	53.90+18	9.8+5.2	831
2821	28.66 - 15	41.9+0.7	831	2932	27.45+03	13.6+1.6	872
2829	30.23 - 09	37.3+3.1	872	2933	31.55 - 08	38.4+0.2	VIII.
2831	37.65 - 18	2.3+0.6	IV.	2934	34.14 - 04	12.1 0.0	IX.
2833	48.65 - 12	19.6+2.2	871	2937	47.62 - 20	26.0+1.1	831
2835	49.31+07	28.6+1.7	872	2939	51.07 - 02	36.1+2.7	846
2839	9.98 - 07	33.0 - 0.2	871	2940	1.83+09	12.7+1.9	X.
2843	39.41 - 03	42.2+2.9	V.	2948	11.51 - 07	25.7+4.1	846

I. (831) -0.06 +2.6; (846) +0.06 -2.6. **II.** (831) +0.01 +0.5; (872) 0.00 -0.5. **III.** (831) +0.22 -0.1; (872) -0.22 0.0. **IV.** (831) -0.09 -0.5; (872) +0.09 +0.5. **V.** (831) +0.06 +1.3; (872) -0.05 -1.3. **VI.** (831) -0.05 +1.2; (872) +0.06 -1.2. **VII.** (831) -0.01 +0.5; (872) +0.02 -0.5. **VIII.** (830) -0.06 -3.0; (871) +0.07 +3.0. **IX.** (830) -0.08 -1.8; (871) +0.08 +1.7. **X.** (831) -0.02 -0.3; (872) +0.02 +0.2.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
2951	38.02 - 13	19.8+4.1	871	3030	2.80 - 23	1.5 —	846
2952	46.79 - 04	36.0 - 1.3	830	3032	25.30 - 07	20.7 - 2.3	830
2953	46.85 - 08	57.7 - 0.6	831	3034	16.31+01	43.6 - 1.5	831
2954	53.99+30	21.7+3.0	830	3035	20.35 - 08	56.9 - 3.6	871
2955	55.86 - 04	32.0+3.6	846	3041	16.99+17	41.6+1.3	831
2959	6.70 - 02	30.8+1.6	871	3042	17.49 - 12	13.6+1.3	846
2960	8.14+02	27.8+0.7	I.	3046	53.96+12	45.2+1.7	830
2961	9.68 - 09	58.3+1.9	872	3048	16.52 - 06	34.1 - 0.9	846
2963	28.46 - 19	57.5 - 0.4	846	3050	31.90 - 21	37.4 - 4.3	VII.
2975	24.81+11	48.5+1.1	830	3055	41.82 - 03	12.1+0.2	846
2976	24.87+03	19.5+1.6	830	3058	53.15+05	38.6+1.2	830
2977	26.33 - 13	28.8 - 0.1	846	3060	14.30+04	5.5 - 6.1	872
2980	41.27+25	42.7 - 2.8	871	3061	15.13+05	48.9 0.0	831
2984	3.15+06	30.5+3.1	II.	3065	45.88 00	7.1+1.5	830
2989	24.92+25	59.9 - 1.3	872	3068	13.40 - 22	11.2+3.2	846
2992	40.32 - 07	42.5 - 2.2	III.	3074	57.11+18	42.4 - 3.3	872
2994	51.71+03	22.2+1.3	830	3075	12.72+27	32.6 - 1.1	831
2995	53.40+24	25.5 - 0.3	831	3078	28.12 - 20	10.8+0.5	846
3001	24.07 - 02	28.6+1.2	846	3080	54.44+06	40.7 - 3.4	831
3006	41.57+11	18.4+2.2	830	3084	13.30 - 04	13.8 - 2.0	846
3008	51.68 - 05	48.3 - 1.8	IV.	3093	19.11+22	48.8+2.8	830
3014	16.54 - 02	32.3 0.0	831	3096	28.06 - 11	29.9 - 0.9	VIII.
3015	17.59+03	21.1+0.8	846	3098	32.55 - 06	8.0 - 2.0	871
3016	23.12+01	39.0 - 1.2	872	3099	43.75 - 02	28.5 - 2.0	830
3023	23.57 00	8.9 - 0.1	V.	3100	57.34+02	4.9 - 0.6	IX.
3025	38.32+02	15.2 0.0	VI.	3103	6.05+24	17.3 - 4.2	830
3027	45.89 - 11	22.5 - 1.1	871	3116	18.55 00	57.3+0.1	830
3029	1.55 - 09	33.4+1.9	846	3117	20.44+13	39.3+1.7	831

I. (831) -0.05 —; (872) +0.06 0.0. II. (831) -0.12 -0.3; (846) +0.13 +0.2. III. (831) -0.09 0.0; (846) +0.10 —. IV. (831) +0.17 —; (846) -0.17 0.0. V. (831) -0.07 -0.6; (872) +0.08 +0.6. VI. (829) -0.05 -0.6; (830) +0.02 +1.2; (871) +0.04 -0.7. VII. (831) +0.11 —; (872) -0.10 0.0. VIII. (831) -0.05 -0.6. (846) +0.06 +0.5. IX. (831) -0.08 0.0; (846) +0.08 -0.1.

-3° -9°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
3118	24″.31+10	4″.7 - 2″.9	846	3205	54″.65+20	19″.4 - 1″.3	872
3119	40.51 - 35	55.9+1.5	830	3212	43.35+06	6.6 - 2.4	830
3123	17.73 - 07	17.8+0.7	846	3213	43.76 - 09	42.1 - 4.4	846
3125	20.51+10	20.1 - 2.7	831	3214	58.82 - 05	45.3 - 4.6	872
3126	26.67+13	44.3 - 1.5	829	3215	4.54 - 21	9.4 - 4.9	872
3128	50.18 - 05	8.2 ?	I.	3223	44.90 - 06	25.6 - 0.5	830
3132	56.56+13	16.7+1.9	831	3224	45.06+25	18.4 - 4.2	872
3134	5.91+18	54.0 - 1.0	829	3226	3.87+03	23.5 - 3.6	846
3142	0.29+15	54.2 - 1.0	II.	3227	14.60 - 06	7.5 - 1.1	846
3144	12.07+01	31.9+0.9	846	3228	33.41+09	21.3 - 2.4	846
3146	25.35+07	13.9+2.5	830	3231	3.21+10	43.1 - 0.2	830
3155	7.72+24	16.9 - 2.2	III.	3234	24.94+03	19.3 - 1.5	871
3156	16.05+05	47.5+0.3	830	3235	31.76+11	38.6 - 1.8	830
3157	22.57+15	54.1+2.2	830	3240	17.90 - 09	28.9+1.4	871
3162	46.62+04	19.3 - 4.9	IV.	3244	20.35+06	— —	846
3167	59.55+04	34.1 - 0.7	846	3246	31.48 - 10	7.4 - 0.9	871
3169	16.53+08	26.2+2.4	830	3251	54.86+09	58.9 - 1.7	846
3171	22.12+02	12.1+1.9	830	3256	47.23+05	34.1 - 3.3	846
3172	23.90+08	1.6 - 2.6	831	3257	55.21+22	30.4 - 2.6	830
3173	37.19 - 37	21.9+0.3	846	3259	2.65 - 12	59.1 - 0.1	830
3177	59.43 - 02	53.8 - 6.5	872	3260	16.86+02	58.9+0.8	830
3181	30.28+01	12.9 - 7.1	872	3262	24.68+06	54.6+1.4	846
3183	32.41 - 09	39.5+0.3	V.	3274	21.06+03	26.1+0.7	846
3184	32.55 - 07	27.5 - 1.5	831	3278	38.80 - 07	35.4 - 4.6	871
3189	52.17+08	37.6 - 1.5	846	3281	54.31 - 08	3.8 - 0.2	830
3198	10.22 - 03	26.8 - 3.1	872	3285	7.54+22	49.9+12.2	846
3199	11.75+11	20.6 - 1.7	871	3288	16.18+07	4.5 - 7.1	830
3200	12.18+02	47.1+1.2	871	3291	36.08+09	41.7 - 1.2	846
3201	28.76 - 14	35.0 - 2.0	846	3296	36.95 - 10	13.9 - 0.7	830

I. (831) -0.06 +0.1; (846) +0.06 -0.2. II. (831) -0.06 +0.8; (846) +0.07 -0.8. III. (831) 0.00 -1.0; (872) 0.00 +0.9. IV. (831) +0.01 +0.2; (872) 0.00 -0.3. V. (830) -0.08 -1.3; (871) +0.08 +1.2.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
3302	26.73+08	36.2 - 3.4	846	3480	22.33+10	45.6 - 0.3	830
3306	46.53+12	37.7 - 2.0	846	3486	59.89+08	— —	830
3308	56.74 - 18	19.1+2.7	830	3489	30.42+03	48.3 - 3.5	830
3310	14.38+11	39.5 - 1.0	830	3491	30.66 - 00	23.4 - 2.5	830
3313	26.69+15	26.5 - 0.8	830	3505	7.20+12	2.7+1.0	830
3327	39.93 - 10	16.3 - 0.5	830				
3337	25.12+08	49.4 - 3.2	831		Decl. von +9° bis +15°.		
3341	49.26+01	22.7 - 2.9	830	377	22.67 - 19	33.1+3.0	806
3344	4.85+07	11.3 - 3.0	830	378	27.66 - 40	39.9 - 2.6	806
3354	49.30+06	29.1 - 6.4	831	389	42.47 - 09	59.3+1.1	806
3356	56.97+15	43.2 - 5.5	831	393	43.47 - 13	45.7 - 2.0	806
3362	52.73 - 03	2.1 - 1.7	830	396	54.98 - 18	12.9+0.4	806
3368	20.44+09	30.1 - 0.2	830	401	47.95 - 43	9.0+0.5	806
3371	36.94+15	— —	831	411	34.96 - 24	51.6+1.3	806
3375	53.96 00	22.0 - 4.9	831	443	43.83 - 04	50.1 - 2.4	806
3382	38.82 - 04	9.2+0.3	830	456	15.23 - 02	0.2+1.6	806
3402	17.25+10	25.3 - 5.6	831	457	42.22 —	42.0 - 0.5	806
3406	44.07 - 02	19.0 - 3.7	830	463	41.92 00	36.8+1.1	806
3408	54.99 - 06	18.5 - 0.6	830	464	12.87 - 04	39.0 - 0.1	806
3409	58.48+02	36.7 - 5.0	830	471	3.44+52	39.7 —	806
3412	13.16 - 10	3.6 - 10.7	831	483	47.46+13	15.1 - 0.5	806
3418	8.26 - 03	46.4 - 3.2	830	484	33.29 - 11	30.7 - 1.9	I.
3422	39.27+23	50.0 - 5.3	830	487	27.38 - 40	10.7+1.2	863
3431	20.06+11	43.7 - 6.3	831	489	12.41+21	42.2+8.9	II.
3442	0.71 - 05	50.7 - 3.6	830	493	58.21 - 27	58.6 ?	III.
3443	4.30 - 26	5.3 - 1.3	830	495	14.03 - 78	33.4 —	IV.
3447	37.73 - 02	41.3+0.4	830	499	44.42 - 07	16.7+1.2	806
3460	24.54 - 08	11.1 - 2.1	830	500	48.65 - 19	22.4+1.0	V.
3471	40.09 - 08	33.7 - 3.4	830	501	21.45+13	42.2 - 4.6	VI.

I. (806) -0.20 +2.5; (807) +0.16 -0.3; (816) +0.05 -2.1. **II.** (806) -0.06 +5.3; (807) 0.00 +1.5; (816) +0.18 [+7.9]; (817) +0.05 -4.7; (863) -0.16 -1.9. **III.** (806) -0.04 +1.4; (807) +0.05 -1.4. **IV.** (806) -0.06 -0.1; (807) -0.03 -2.8; (818) +0.09 +2.8. **V.** (807) +0.03 +2.7; (817) -0.13 -1.1; (863) +0.09 -1.5. **VI.** (817) +0.01 -5.2; (818) 0.00 +5.2.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
504	14″.68+23	52″.3+0″.8	I.	542	28″.66+21	32″.7 0″.0	819
505	34.38+13	49.5+1.4	II.	543	16.47+08	8.4+2.5	819
509	7.48 - 68	26.1 - 0.6	III.	544	30.45+02	32.3+2.5	XVI.
510	42.15+13	24.2+2.2	IV.	546	7.81 - 21	59.1+3.3	819
513	58.96 - 01	39.3+3.8	818	547	54.09 - 07	5.1 - 0.2	XVII.
514	25.52 - 01	53.5 - 1.5	818	548	53.73+91	4.3+1.7	819
515	51.34+01	16.1+2.0	V.	549	56.56 - 03	56.4 - 4.3	XVIII.
517	43.48 - 05	20.4 - 0.5	VI.	551	2.38+17	3.7+2.7	819
518	26.08 - 35	6.2 - 8.2	VII.	552	27.14+19	29.5 - 8.4	819
520	46.84+43	46.9 - 0.8	819	555	2.97 - 10	39.5 - 1.4	819
521	25.75 - 17	5.6+0.2	VIII.	556	0.73+12	2.2 - 4.4	819
522	31.02 - 02	55.1+1.4	IX.	557	17.75 - 21	49.7+3.5	819
524	6.16 - 06	50.4+0.4	X.	558	41.64 - 16	42.0 - 9.5	819
529	19.94+42	34.5+1.0	XI.	560	27.71 - 16	3.9 - 2.0	XIX.
530	27.52 - 04	37.3 - 2.2	818	561	0.74+01	24.9 - 4.1	863
531	16.24 - 04	8.9 - 7.7	XII.	562	45.95 - 01	39.4 - 0.7	XX.
532	50.02 - 03	14.9+4.2	XIII.	563	14.75 - 18	20.2 - 4.8	817
533	23.00 - 22	22.4+3.2	807	587	35.64 - 25	4.4+4.3	854
534	24.66+07	33.3+0.3	807	589	13.12+22	38.4+3.8	854
536	9.87+28	29.2+1.3	XIV.	601	12.12+02	3.1+1.7	854
539	34.77 - 02	9.6+5.1	XV.	602	22.92 00	12.8+1.1	854

I. (806) -0.11 +0.9; (807) -0.01 -2.8; (818) +0.11 +3.1; (819) +0.01 -1.0. **II.** (806) +0.03 +0.8; (807) -0.02 -0.8; (818) +0.02 0.0; (819) -0.03 0.0. **III.** (806) +0.05 +2.0; (863) -0.05 -2.0. **IV.** (806) -0.07 +0.5; (807) +0.06 -1.1; (818) +0.01 +0.6. **V.** (818) +0.10 +2.1; (819) -0.10 -2.0. **VI.** (806) -0.07 [-12.3]; (807) -0.01 -1.9; (818) +0.07 +2.0. **VII.** (806) -0.10 -2.0; (807) +0.06 -1.6; (818) +0.11 +3.5; (819) -0.02 +0.5; (863) -0.06 -0.3. **VIII.** (818) +0.03 +2.1; (819) -0.02 -2.0. **IX.** (806) -0.12 0.0; (807) +0.10 -3.5; (819) +0.01 +3.5. **X.** (817) +0.05 -0.2; (863) -0.04 +0.3. **XI.** (806) -0.09 -1.5; (807) +0.07 -1.7; (818) +0.03 +1.2; (819) [-0.36] +2.2. **XII.** (806) -0.01 0.0; (807) +0.02 —. **XIII.** (806) -0.06 0.0; (807) +0.06 —. **XIV.** (807) +0.03 -1.6; (818) -0.03 +1.6. **XV.** (806) -0.02 +0.6; (807) +0.03 -0.6. **XVI.** (806) -0.07 -0.1; (807) +0.04 -0.4; (819) +0.03 +0.5. **XVII.** (807) -0.01 -1.9; (819) +0.02 +2.0. **XVIII.** (819) -0.01 0.0; (863) +0.02 —. **XIX.** (807) +0.03 +2.1; (863) -0.02 -2.0. **XX.** (807) +0.02 +3.4; (817) -0.02 -3.0; (863) -0.01 -0.05.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
603	24.05 - 10	3.3 + 2.8	854	651	42.87 - 13	15.7 - 2.1	854
606	42.67 + 04	47.2 - 2.3	873	654	26.49 - 02	37.5 - 1.1	854
609	27.85 + 07	48.2 + 0.9	I.	660	53.38 - 10	40.0 - 0.3	873
611	56.81 - 12	4.4 + 0.1	854	662	40.61 - 19	48.5 - 1.0	873
613	33.49 + 03	56.1 + 1.1	873	666	32.97 - 14	4.5 + 0.6	873
614	19.47 - 04	17.7 + 2.1	II.	667	53.63 - 17	23.2 - 3.5	873
616	47.01 + 02	4.9 + 0.2	III.	669	40.23 + 11	20.7 + 1.9	VIII.
619	55.89 + 12	30.6 - 0.3	873	671	58.21 - 23	35.9 - 0.1	873
621	48.07 - 07	7.8 + 2.1	873	672	2.93 - 01	5.1 - 0.2	854
624	40.40 - 05	23.7 0.0	873	674	47.86 - 12	12.2 - 2.2	873
627	40.88 + 06	25.0 + 2.1	873	678	49.88 - 29	23.5 - 1.0	IX.
629	8.07 - 13	45.9 + 0.5	IV.	679	17.97 - 09	43.7 - 2.3	X.
630	43.57 + 02	20.5 + 1.7	V.	685	51.86 00	28.1 - 2.7	XI.
632	14.29 - 22	15.5 + 3.5	854	688	58.58 - 14	54.8 - 3.0	873
634	4.20 - 12	49.4 + 0.2	854	689	55.73 - 06	20.2 - 1.6	873
635	13.03 - 09	35.2 - 0.7	854	691	52.78 + 32	33.9 ?	854
636	15.03 + 09	54.2 + 2.6	873	693	9.51 - 06	38.6 - 2.5	873
638	13.41 - 11	33.5 - 2.3	873	695	54.64 - 07	58.1 - 1.6	XII.
639	16.47 + 07	18.6 + 0.4	873	696	47.96 - 24	41.1 - 1.4	XIII.
641	30.21 - 18	3.7 + 1.4	VI.	701	56.71 - 02	6.6 - 9.7	XIV.
642	33.01 + 26	45.7 - 1.3	873	703	21.90 - 06	1.2 - 2.2	XV.
643	30.72 - 12	58.6 + 1.5	VII.	704	23.26 - 03	47.2 - 1.8	XVI.
646	2.41 - 04	55.3 —	854	706	53.24 - 06	39.4 - 1.9	XVII.
647	46.74 - 04	25.7 + 2.4	854	707	4.27 + 02	30.7 - 0.5	854
650	38.28 - 02	24.8 - 2.2	854	712	36.49 + 09	42.7 - 2.4	873

I. (854) +0.07 0.0; (873) -0.06 +0.1. **II.** (854) -0.02 -0.2; (873) +0.02 +0.2. **III.** (854) 0.00 +0.8; (873) 0.00 -0.7. **IV.** (854) +0.08 -2.0; (873) -0.08 +2.1. **V.** (854) 0.00 +1.0; (873) +0.01 -0.9. **VI.** (854) +0.24 -0.9; (873) -0.23 +1.0. **VII.** (854) -0.10 -0.4; (873) +0.11 +0.5. **VIII.** (854) 0.00 +0.9; (874) 0.00 -0.9. **IX.** (854) +0.10 +1.2; (873) -0.10 -1.1. **X.** (854) +0.04 +0.2; (873) -0.04 -0.1. **XI.** (873) -0.12 +0.1; (874) +0.13 0.0. **XII.** (854) +0.12 +0.6; (873) -0.11 -0.5. **XIII.** (854) +0.08 -0.9; (873) -0.07 +1.0. **XIV.** (854) +0.08 +0.9; (873) -0.08 -0.9. **XV.** (854) +0.08 -0.5; (873) -0.07 +0.6. **XVI.** (854) -0.02 -0.5; (873) +0.02 +0.6. **XVII.** (854) +0.04 -1.4; (873) -0.04 +1.5.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
718	15.″83+02	33.″7 - 0.″7	I.	783	46.″50+16	49.″9 - 0.″8	X.
719	55.13 - 09	36.3+0.9	II.	786	27.16+01	57.2+1.7	XI.
721	44.01 - 11	51.6 - 0.1	III.	788	43.75 - 08	36.4 - 0.9	844
722	27.55+12	24.2 - 1.5	873	790	37.03 - 08	3.6 ?	844
724	7.85 - 08	39.0 - 4.0	873	791	4.67+18	17.8+2.1	844
726	58.96+05	46.1 - 0.3	IV.	793	2.35+03	59.5+1.1	844
727	57.18+24	15.7 - 3.7	873	794	8.15 - 02	40.4 ?	844
733	35.46+06	15.2+4.1	V.	795	28.67 - 01	33.8+0.5	844
746	26.07 00	21.8+0.7	844	796	1.09 - 14	20.8+1.6	844
747	29.88 ?	0.9 - 1.5	844	797	25.09+41	41.2+1.4	844
751	7.85 - 07	55.2 - 1.5	844	800	57.09 - 16	35.1+3.4	844
753	49.93 - 13	49.3 - 0.9	844	816	50.23 - 35	6.9+0.5	844
756	16.03 - 05	26.1+4.2	825	817	41.83+04	36.7+0.4	844
757	3.90+05	44.8+8.1	844	819	56.22 - 04	42.3 - 1.1	844
758	19.00 - 02	55.4+2.5	825	820	14.87 - 03	35.6 - 0.6	825
759	31.40 - 03	41.0 - 0.1	844	821	2.63+10	12.8+1.2	844
762	43.59+07	15.3+0.8	VI.	830	40.46 - 03	56.0+1.5	825
766	25.97+07	16.3+1.6	VII.	834	53.74 - 12	24.3 - 3.5	825
767	47.74 - 05	43.2+1.6	825	835	5.91 - 20	37.4+0.1	825
769	11.79 00	46.8 - 0.3	825	840	18.17+02	1.7+6.3	843
773	33.46 - 02	16.3+0.7	844	841	21.63 00	51.2+6.7	844
774	38.60 - 11	54.2+1.6	VIII.	842	42.93+12	40.3 - 2.5	844
775	0.80+31	33.8 - 1.7	843	843	48.28 - 29	14.8+0.2	825
776	9.63 - 30	58.3 - 3.4	843	847	16.83 - 01	54.5 - 4.8	825
777	13.82 - 30	46.6+0.3	778	848	35.78+20	31.9+0.4	844
779	21.34+07	36.2 - 0.1	IX.	849	53.61 - 01	57.5 - 0.8	825

I. (825) +0.09 -1.0; (854) +0.02 0.0; (873) -0.12 +0.9. **II.** (854) +0.10 -1.0; (873) -0.09 +1.1. **III.** (854) +0.10 +0.9; (873) -0.10 -0.9. **IV.** (843) +0.19 -0.5; (844) -0.17 +0.5; (874) -0.03 -0.1. **V.** (825) +0.10 -0.4; (844) -0.02 -2.1; (873) -0.08 +2.5. **VI.** (825) -0.01 +0.5; (844) +0.02 -0.4. **VII.** (825) 0.00 +0.6; (844) +0.01 -0.5. **VIII.** (825) +0.07 +0.5; (844) -0.06 -0.5. **IX.** (825) -0.05 -0.8; (844) +0.06 +0.9. **X.** (825) +0.03 +0.8; (844) -0.02 -0.8. **XI.** (825) +0.07 +1.3. (844) -0.06 -1.3.

+9° +15°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
855	11.58 - 01	25.2 - 0.1	I.	1009	16.43 - 09	52.7 + 3.0	826
856	33.21 - 14	50.6 - 3.4	844	1014	37.24 - 11	54.1 + 2.6	826
861	36.98 + 06	24.7 - 2.3	II.	1017	55.60 - 07	51.8 + 2.3	826
866	10.41 + 09	45.5 - 1.7	844	1023	32.31 + 34	43.0 - 3.3	844
868	48.30 - 15	51.7 - 1.4	844	1035	50.32 + 23	33.8 - 2.2	844
869	6.05 - 06	4.4 - 0.9	844	1036	9.57 - 11	48.6 - 2.5	844
880	41.27 + 08	1.1 - 2.1	844	1037	13.45 + 09	50.6 - 4.3	844
883	11.17 - 18	48.4 + 1.5	844	1057	9.34 - 14	49.1 + 1.0	826
886	26.36 + 11	35.3 - 6.0	844	1135	18.91 - 06	21.0 + 1.3	883
893	17.88 - 10	49.4 - 3.9	844	1141	29.01 + 20	35.7 - 1.4	883
894	24.20 - 01	21.9 - 0.7	844	1142	35.87 + 02	42.3 + 1.2	III.
900	10.09 - 54	48.4 - 6.3	843	1162	45.13 + 08	55.5 + 1.8	883
901	30.23 + 10	18.3 - 5.1	844	1163	2.65 + 23	7.5 + 2.4	883
904	15.39 + 14	2.6 - 0.7	844	1195	10.85 - 07	21.4 + 2.0	851
908	13.35 + 02	0.4 - 1.4	844	1204	26.90 - 08	17.1 + 3.0	IV.
914	14.17 + 07	6.4 - 4.2	844	1206	51.09 - 10	28.5 + 0.1	V.
916	30.85 + 02	12.2 - 3.1	844	1212	54.89 - 04	2.0 - 3.3	851
918	36.14 + 26	14.6 - 2.0	844	1216	17.39 - 03	15.4 - 1.2	851
921	30.78 - 13	28.7 - 1.3	844	1228	36.33 - 01	11.2 - 1.4	851
922	38.19 + 01	49.5 - 0.5	844	1236	39.56 + 06	35.5 + 1.9	851
933	6.57 - 02	58.9 - 2.0	844	1238	0.13 - 11	13.0 - 0.3	851
937	45.68 + 17	57.8 - 1.5	844	1243	26.99 - 01	47.5 ?	850
938	50.11 + 02	13.0 - 0.5	844	1245	36.82 + 05	50.0 - 1.2	851
948	30.80 - 07	40.6 + 0.3	844	1247	50.56 00	31.8 + 4.2	850
982	2.49 + 14	15.0 —	844	1249	7.79 + 05	23.2 + 1.0	851
997	1.67 + 38	12.9 - 2.1	844	1252	55.03 - 16	36.1 - 1.7	850
1001	3.94 + 34	47.3 - 2.3	844	1258	17.94 - 07	44.9 + 2.6	850
1003	18.56 + 06	28.0 - 2.1	826	1264	36.55 - 15	55.9 + 1.0	849
1006	55.80 + 09	50.3 - 2.0	844	1268	15.37 - 10	13.4 - 1.1	850

I. (825) +0.09 +0.8; (844) -0.09 -0.8. **II.** (825) +0.09 -0.1; (844) -0.08 +0.2. **III.** (826) +0.08 +0.9; (883) -0.08 -0.8. **IV.** (849) +0.14 +3.9; (850) -0.13 -3.8. **V.** (849) +0.05 +0.9; (851) -0.04 -0.8.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	″	″ ″			″	″ ″	
1281	27.97 - 08	6.4+1.4	850	1406	33.35 - 02	51.9 - 2.8	851
1282	43.50 - 12	15.0 - 0.3	850	1411	32.12+04	10.6 - 2.0	850
1287	25.42 - 01	7.9 - 1.4	850	1412	36.20 - 19	7.6 - 1.2	VI.
1288	34.23 - 04	27.5 - 0.1	851	1437	41.39 00	27.7+0.4	850
1295	2.27 - 48	28.9+2.5	850	1444	20.78 - 27	9.7 - 0.8	850
1301	38.18 - 02	33.7+3.5	851	1454	11.28 - 16	48.4 - 1.5	850
1308	16.97 - 07	29.9 - 0.4	851	1472	52.30 - 15	59.8+2.8	850
1309	21.11 - 04	40.8+1.1	850	1502	17.04+29	15.1+3.1	850
1312	57.21 - 01	35.8 - 0.3	850	1510	57.46 - 69	45.1+2.2	850
1315	9.51+04	9.3+1.9	851	1511	17.15 - 02	8.5 - 0.4	850
1319	26.71+08	3.1 - 1.7	850	1517	2.66 - 09	37.6 - 2.1	883
1326	6.49+06	18.4+0.2	I.	1530	44.57+13	48.2+0.8	VII.
1329	25.91 - 33	18.3 - 0.9	851	1534	53.18 - 24	44.1+1.0	883
1332	56.66+02	4.5 - 1.7	851	1541	26.11 - 08	2.2+0.3	850
1338	53.01 - 03	31.8+0.4	II.	1550	14.83 - 10	58.0 - 2.4	850
1339	53.37 - 10	50.8+0.1	III.	1552	22.83+04	31.7 - 2.7	850
1341	34.72 00	11.1+1.4	850	1556	45.03 - 16	58.9 - 0.8	883
1347	43.55 - 13	58.2+2.5	IV.	1558	7.40 - 19	31.0+0.6	VIII.
1350	7.62 - 13	42.5+3.6	V.	1569	17.71+07	2.3+2.1	IX.
1360	2.06 - 26	32.0+1.8	851	1587	15.20 - 01	58.1+2.8	858
1364	20.93 - 11	52.8+1.2	850	1596	58.87 - 04	24.0+2.7	858
1378	2.43 00	21.6 - 1.4	850	1609	54.32 - 15	18.2 - 0.1	X.
1384	5.74 - 01	26.0+2.6	850	1610	5.33 - 13	43.5+1.7	XI.
1397	30.11 - 03	0.6 - 2.6	851	1619	50.60 - 02	18.2 - 1.9	XII.
1402	0.44+19	27.0+2.2	850	1624	34.82+35	18.4+0.8	850
1405	28.99 - 05	9.2+0.7	850	1631	49.74+14	1.0+2.5	850

I. (850) -0.05 -2.4; (851) +0.05 +2.4. **II.** (849) -0.01 -1.1; (850) -0.02 —; (851) +0.02 +1.2. **III.** (849) +0.14 -0.1; (851) -0.14 +0.1. **IV.** (850) -0.02 +0.1; (851) +0.02 -0.1. **V.** (850) -0.02 -0.9; (851) +0.02 +0.9. **VI.** (849) +0.01 +1.4; (851) -0.01 -1.3. **VII.** (850) +0.02 +1.1; (858) -0.01 -1.1. **VIII.** (858) -0.13 -1.2; (883) +0.13 +1.2. **IX.** (850) +0.07 -0.4; (858) -0.06 +0.4. **X.** (858) -0.04 +0.6; (859) +0.04 -0.6. **XI.** (858) -0.02 +1.1; (859) +0.03 -1.1. **XII.** (858) -0.04 +0.1; (859) +0.05 -0.1.

+9° | +15°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
1644	7.40 - 05	41.5 - 0.8	I.	1828	26.46+11	58.3+0.6	850
1645	10.34+04	56.8+1.9	859	1837	10.14+08	33.2 - 1.6	850
1651	47.46 - 03	20.2 - 2.0	II.	1842	17.87 - 08	33.6 - 0.5	850
1656	23.02 00	26.7+1.5	850	1848	58.95 - 04	32.6 - 0.9	850
1670	42.53 - 12	42.7 - 1.3	850	1851	10.99 - 05	58.4 - 1.7	850
1672	58.92 - 10	49.0+0.6	III.	1852	13.67 - 03	3.3 - 1.6	850
1681	6.47 00	5.7+3.9	859	1857	55.— —	18.4 - 0.6	859
1683	34.82+01	18.1+3.1	859	1873	44.— —	25.7+0.8	859
1685	0.38+07	38.2 - 2.3	850	1875	54.58 - 13	22.6 - 0.8	850
1716	1.08 - 13	34.3+2.6	859	1881	18.— —	4.8 - 2.5	859
1720	19.45+19	27.6 - 3.3	859	1889	7.06+31	10.8+0.3	850
1722	29.95+09	43.4 - 0.2	859	1891	20.— —	9.3+1.4	859
1728	0.41+13	34.9 - 3.7	850	1894	59.— —	18.4 - 0.9	859
1730	8.61+03	12.7 - 0.1	850	1898	21.83 - 06	42.1 - 0.6	850
1733	39.92+19	11.3 - 4.2	IV.	1908	11.— —	16.7 - 1.6	859
1740	38.39+07	23.5+2.1	850	1907	11.91+01	52.9 - 3.4	850
1744	55.93+04	53.8 - 1.3	858	1926	1.— —	19.5+2.0	859
1749	9.67+09	47.8+1.7	850	2063	42.63+02	13.9+3.4	833
1753	50.79 - 21	6.8+1.7	850	2113	40.25 - 05	59.3+0.8	833
1765	32.00 - 05	22.8 - 1.1	V.	2126	44.83 - 10	49.0+1.1	833
1769	51.63 - 10	22.4 - 4.3	VI.	2166	51.15 - 58	39.9 0.0	833
1786	1.83+01	32.6+0.7	VII.	2169	5.39 - 62	58.5+3.8	833
1788	24.74 - 20	35.3 - 5.0	858	2171	20.74+43	37.4 - 3.1	833
1799	30.41 - 36	10.6 - 1.3	VIII.	2179	57.32+08	41.9+0.8	833
1801	39.23 00	32.3 - 0.7	859	2185	31.22+12	37.0 - 0.7	833
1807	9.47+04	5.6 - 2.4	850	2239	34.04+05	42.5+2.3	833
1823	40.96+08	1.4 - 1.9	850	2308	28.15 - 36	58.3 - 0.6	833
1827	20.71 - 16	25.8+0.5	859	2318	12.03 - 18	14.3 - 1.5	833

I. (858) -0.05 -0.4; (859) +0.05 +0.4. **II.** (858) -0.04 +0.6; (859) +0.05 -0.6. **III.** (849) +0.06 +2.8; (858) -0.05 -2.3; (859) -0.01 -0.4. **IV.** (850) -0.01 -0.3; (859) +0.01 +0.4. **V.** (849) +0.07 +0.5; (858) -0.05 +0.8; (859) -0.03 -1.3. **VI.** (858) -0.05 +0.6; (859) +0.06 -0.5. **VII.** (850) -0.06 0.0; (859) +0.06 —. **VIII.** (850) +0.19 -0.1; (859) -0.18 +0.1.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk
	″	″ ″			″	″ ″	
2361	2.85 - 25	42.9+1.0	833	2721	30.61 - 14	58.2 - 1.9	833
2377	48.57 - 23	29.2 - 0.2	833	2731	3.54 - 01	45.5 - 2.8	833
2414	10.72 - 29	24.0 - 1.5	833	2734	18.02 - 17	13.4 - 1.3	833
2430	51.85+42	26.7+0.9	833	2756	33.35 - 24	35.9 - 1.7	833
2437	31.24 - 30	50.9 - 0.2	833	2759	46.52 - 14	41.5 - 3.3	833
2452	10.55 - 09	55.1 - 4.2	833	2766	16.16 - 08	35.6 - 0.7	833
2463	34.55 - 07	46.9 - 1.0	833				
2471	24.81 - 04	56.0+0.4	833	Decl. von -9° bis -15°.			
2479	56.97+11	53.8 - 3.2	833	596	21.79 - 03	25.6+0.9	804
2483	2.82 00	44.2+5.4	833	601	48.93+10	— —	803
2484	13.82+07	22.9 - 0.5	833	607	21.37+06	18.7+4.7	804
2494	49.97 - 20	33.5 - 2.7	833	608	40.85+23	44.1 - 1.4	804
2499	21.46 - 03	36.0 - 0.3	833	610	59.22+34	57.3+0.5	803
2522	1.93 - 08	49.4 - 1.9	833	614	53.20+23	35.8+1.1	804
2534	56.11 - 15	20.6 - 1.6	833	629	37.95+33	58.2+4.4	804
2549	28.27 - 27	43.4 0.0	833	631	47.72+34	36.2+2.8	804
2554	57.88 - 55	10.0 - 1.7	833	645	5.92+04	32.1+5.3	804
2571	23.11 - 19	17.8+1.0	833	655	55.36+09	45.4+3.8	804
2594	22.68+25	29.1 - 0.9	833	662	14.47+36	44.0 - 1.5	803
2609	9.95 - 24	32.9+0.7	833	669	14.79 - 05	31.9+4.1	804
2635	58.95 - 06	54.8 - 1.3	833	671	45.73 - 02	29.7 - 1.8	804
2644	5.69 - 01	39.5 - 0.3	833	684	40.19 - 20	20.3 - 2.7	804
2646	12.28+34	7.8+1.1	833	709	29.21+50	59.3+0.3	803
2647	52.47 - 05	34.3 - 1.4	833	719	1.81+34	59.5+0.9	804
2656	7.95 - 21	54.6+1.6	833	727	6.95+03	26.6+2.3	804
2668	34.39+01	2.4+0.4	833	729	40.33 - 15	25.6+5.0	804
2679	12.60 - 19	18.9+0.6	833	731	23.27+16	45.8 ?	803
2684	42.20+20	49.5+7.8	833	743	50.37+14	32.7 - 0.6	803
2685	44.62 - 11	57.6+2.3	833	753	49.82+30	25.7+4.6	804
2697	7.00 00	13.7 - 0.9	833	757	46.16 - 27	13.4 - 1.0	804
2701	29.44 - 22	59.5 - 0.9	833	758	51.20 - 21	49.3+4.3	804
2705	55.99+30	2.3 - 0.8	833	761	31.27 - 09	53.9+0.4	804

-9° -15°

Nummer	AR Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
762	40.15+29	18.6+1.2	804	942	1.00+04	52.6 - 6.1	803
767	6.06+37	47.6+3.5	803	944	21.90+01	56.5 - 6.3	803
786	45.66+02	26.4+2.2	804	946	54.97 - 12	49.1 - 4.9	803
794	17.37+26	59.8 - 3.3	803	954	20.41+01	13.5 - 1.9	804
795	18.75 - 43	23.8+2.3	804	960	51.02 - 13	12.9+1.1	804
799	16.12+27	43.4+4.4	804	969	7.99+42	38.6 - 1.5	803
800	19.89 - 15	32.7 0.0	804	1104	6.78 - 23	22.6+3.7	820
816	41.88 00	— —	804	1108	40.09+18	16.1+2.4	820
817	43.87- 49	— —	804	1110	43.68+17	57.8+0.2	809
824	13.32+14	— —	804	1111	46.95+13	1.8 - 1.0	809
825	19.77 - 01	28.9+0.5	804	1117	31.85+03	44.8+2.9	820
839	17.98+11	44.9 - 3.3	804	1123	1.01 - 04	54.4+2.0	820
848	19.36+15	11.1 - 2.8	I.	1126	27.51+03	27.8 ?	809
853	49.73 00	10.4 ?	804	1127	57.46+33	21.8 - 4.9	809
866	35.69 - 12	42.8+3.4	803	1129	31.06 - 11	9.8+1.1	809
868	0.79 00	19.5 - 3.7	804	1135	45.61 - 08	36.3 - 0.1	820
878	47.06 - 08	21.5+0.5	804	1142	24.88 - 01	33.1+1.8	820
885	48.29 - 04	48.6 - 5.5	804	1145	34.95+27	46.3 - 0.9	II.
887	20.96 - 18	— —	804	1146	37.67 - 01	44.1+1.8	III.
894	55.16+13	14.5 - 2.6	804	1147	47.64+25	1.2 - 4.2	820
904	45.01+13	33.4+1.4	804	1149	27.60+25	42.5+2.7	821
912	43.58 - 19	55.2+4.0	804	1155	6.56+05	14.1+5.7	IV.
913	2.55+41	35.7+1.1	804	1156	51.88 - 13	30.6 - 1.1	V.
915	32.30 - 18	43.0+2.0	804	1158	13.75 - 07	5.8+0.7	820
920	37.50 - 04	46.7 - 2.4	803	1160	38.10+01	9.0+0.5	820
927	25.29+20	36.0+0.5	804	1161	51.15+21	50.4+5.6	VI.
930	59.54 - 01	10.4+0.6	804	1162	51.38+38	33.9+1.9	VII.
932	40.23+16	38.4 - 1.4	804	1164	6.29 - 24	59.0+1.8	820
940	32.73+10	12.8 - 0.2	804	1165	24.93+86	17.4+1.5	VIII.

I. (803) -0.17 +0.9; (804) +0.18 -1.0. **II.** (809) 0.00 -1.5; (820) 0.00 +1.4. **III.** (809) +0.02 -1.8; (821) -0.01 +1.8. **IV.** (809) 0.00+1.3; (821) 0.00 -1.3. **V.** (809) +0.02 0.0; (821) -0.02 -0.1. **VI.** (809) -0.02 +0.3; (821) +0.03 -0.4. **VII.** (809) +0.04 +2.8; (821) -0.04 -2.9. **VIII.** (809) -0.07 -0.2; (821) +0.08 +0.1.

-9° -15°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
1168	47.80 - 05	12.8 + 0.7	820	1223	8.05 - 87	40.7 - 2.0	XI.
1172	46.45 + 04	35.1 - 0.1	I.	1224	21.38 - 17	15.9 - 2.2	820
1173	58.37 + 10	53.6 - 1.7	II.	1227	16.78 - 19	29.0 - 2.6	XII.
1174	6.11 + 21	33.8 - 0.1	III.	1230	35.53 - 30	11.1 - 5.8	820
1175	22.62 - 13	30.6 + 1.7	821	1231	2.70 - 04	9.3 - 1.3	809
1178	30.28 - 26	37.5 + 1.3	820	1233	45.40 - 35	52.2 - 7.0	820
1179	33.41 + 10	29.1 + 0.3	IV.	1238	52.65 - 02	45.5 - 1.3	809
1180	40.97 + 04	7.6 + 0.7	V.	1239	8.79 - 04	6.6 - 3.7	821
1185	18.98 + 07	34.7 + 0.9	VI.	1240	22.29 - 05	10.0 - 4.2	XIII.
1186	28.78 + 18	22.3 + 1.7	820	1247	20.15 + 95	48.6 - 3.9	XIV.
1187	29.15 + 06	24.3 + 0.7	820	1248	40.70 + 34	13.5 - 3.7	809
1188	58.60 + 16	1.9 + 0.1	VII.	1255	33.40 + 21	45.4 - 0.6	809
1189	24.27 - 08	37.1 + 3.3	VIII.	1256	22.21 + 14	— —	809
1193	59.31 - 33	27.0 + 1.7	IX.	1258	30.02 + 05	21.3 - 3.8	820
1197	16.71 + 02	43.8 + 0.9	809	1259	46.32 - 08	16.7 - 1.9	XV.
1198	58.68 + 09	59.3 + 5.4	820	1261	5.41 - 03	33.2 - 2.8	XVI.
1204	54.42 + 14	27.6 + 0.6	820	1265	42.10 - 02	56.1 - 4.5	820
1205	27.76 - 05	26.6 + 0.3	821	1266	51.53 - 08	45.8 - 0.3	XVII.
1206	36.85 + 15	42.4 - 2.7	820	1268	11.59 00	20.3 - 2.2	821
1207	37.66 + 04	21.3 - 2.5	820	1270	40.02 + 13	27.7 + 1.8	809
1211	33.10 - 19	49.8 + 0.3	809	1274	2.61 + 07	11.7 - 1.9	821
1213	38.63 - 10	56.4 - 2.3	820	1275	35.90 + 39	25.3 - 2.6	820
1214	46.17 - 09	0.4 - 9.1	821	1278	54.43 + 05	42.6 + 0.6	821
1217	34.81 + 07	13.8 - 0.2	X.	1279	40.65 - 03	48.1 + 0.9	821

I. (809) 0.00 +1.3; (820) +0.01 -1.3. **II.** (809) -0.01 -0.2; (820) +0.01 +0.2 **III.** (809) +0.01 +0.8; (820) 0.00 -0.8. **IV.** (809) -0.06 -0.9; (820) +0.01 +1.7; (821) +0.05 -0.7. **V.** (820) 0.00 +0.2; (821) 0.00 -0.3. **VI.** (809) -0.07 +1.9; (821) +0.08 -1.9. **VII.** (809) -0.02 0.0; (821) +0.03 0.0. **VIII.** (809) -0.07 +0.9; (821) +0.08 -1.0. **IX.** (809) -0.07 +0.9; (820) +0.07 -1.0. **X.** (809) +0.01 +0.7; (821) 0.00 -0.7. **XI.** (809) -0.03 +0.2; (821) +0.04 -0.3. **XII.** (809) -0.02 +2.2; (821) +0.02 -2.3. **XIII.** (809) +0.02 +0.8; (820) -0.02 -0.8. **XIV.** (809) +0.16 —; (821) -0.16 0.0. **XV.** (809) 0.00 +0.9; (820) -0.02 +0.2; (821) +0.03 -1.1. **XVI.** (809) -0.05 0.0; (821) +0.05 0.0. **XVII.** (809) -0.02 -0.9; (821) +0.03 +0.9.

-9° -15°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
1284	59.29 - 28	35.6 - 5.5	820	1429	25.31+01	21.1 - 0.6	867
1287	4.86 - 05	43.2 - 7.7	I.	1431	41.04+10	32.9 - 14.4	867
1288	8.19 - 14	5.2 - 2.3	821	1436	22.44+23	16.7+2.6	867
1291	22.07 - 09	54.5 - 5.4	821	1445	28.43 - 05	52.1 - 4.0	867
1292	35.86+21	12.7 - 3.6	821	1538	36.03+14	45.4 - 2.3	868
1294	12.04+1.85	— —	867	1539	42.39+13	23.3 - 3.7	868
1299	35.88 - 14	4.6 - 3.4	821	1553	37.57+04	55.0 - 2.3	868
1303	8.44 - 14	40.0 - 3.3	821	1581	59.09+23	59.2 - 6.2	868
1309	32.58 - 11	13.6+3.6	821	1596	2.14 - 35	36.8+8.6	868
1310	57.92 - 04	20.7 - 6.4	821	1603	28.00 - 31	7.2 - 3.8	868
1311	14.24 - 15	51.1 - 9.0	820	1604	29.74 - 19	44.2 - 3.4	868
1313	9.57+16	16.9 - 9.4	821	1610	20.20+07	54.2 - 1.6	868
1316	47.86 - 38	21.0 - 8.7	820	1613	7.68 - 02	53.9+2.6	868
1317	2.42+01	41.4 - 2.9	821	1617	51.63+13	32.6 - 0.3	868
1318	25.00+15	39.0 - 0.6	821	1621	34.39 - 26	18.0+0.1	868
1324	41.96 - 36	58.4 - 3.8	821	1626	36.98 - 25	51.3 - 0.9	868
1327	26.44+31	34.9+3.3	867	1638	41.81+50	— —	868
1335	4.39 - 01	21.8 - 2.8	821	1648	28.38+16	10.5+2.1	868
1337	52.44+1.77	56.5 - 5.2	821	1649	35.02+07	23.5+1.3	868
1343	56.09 - 10	1.8 - 4.9	821	1679	39.35 - 04	13.0 - 5.6	868
1344	34.04 - 08	47.5 - 4.3	821	1683	14.48+12	32.5 - 2.3	868
1350	39.58 - 27	51.1 - 3.3	821	1690	25.75+28	51.8 - 0.1	868
1351	0.— --	35.1+1.0	867	1695	30.79 - 15	50.4+1.1	868
1358	23.24 - 07	1.3 - 2.8	821	1714	33.95 - 08	18.4+1.2	868
1365	27.34+35	26.9 - 5.3	821	1723	55.62+07	51.1+1.0	868
1373	1.16 - 07	28.5 - 4.5	821	1725	47.79+09	59.8 - 0.9	868
1385	24.38+01	49.5 - 1.1	821	1729	15.19+17	40.9+0.1	868
1386	26.59 - 31	26.7 - 4.1	821	1733	45.61+22	22.6+1.1	868
1405	3.90+29	— —	867	1740	21.10 - 18	20.7+1.7	868
1421	41.27+14	23.9 - 1.0	867	1745	56.75 - 03	— —	868

I. (820) +0.05 —; (821) - 0.05 0.0.

-9° -15°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
1753	39″68+30	6″.0+0″.4	868	2362	17″.43 - 04	22″.4+0″.5	870
1757	7.37+11	40.3+0.2	868	2368	49.92 - 01	46.5+7.1	870
1766	49.94+13	49.4+0.2	868	2385	26.78 - 15	26.8+1.7	871
1773	34.55+25	52.2 0.0	868	2396	20.18 - 18	58.8+0.9	871
1786	33.69+01	55.3 - 0.8	868	2412	21.26 - 07	— —	869
1793	10.19+09	19.2+1.5	868	2420	6.55 - 02	40.3+1.8	I.
1801	4.05 - 02	10.8 - 0.5	868	2426	44.64+02	33.9+1.5	869
1804	46.92 - 14	24.5+0.5	868	2437	18.07+06	9.4+1.4	869
1806	18.40 - 61	— —	868	2441	42.15+02	21.8+0.5	870
1810	33.02 - 04	13.5+2.1	868	2443	59.80 - 14	— —	869
1815	23.69+09	56.7 - 0.6	868	2446	17.96 - 17	2.8 - 3.1	869
1819	14.99 00	11.5 - 1.1	868	2467	36.82+07	4.5+2.8	II.
1824	25.24+13	13.2+4.3	868	2481	3.41+15	28.1 - 0.1	III.
1827	15.56+01	27.4+0.3	868	2486	42.77+09	54.3 - 1.0	870
1835	48.79 - 21	27.7+11.6	868	2487	50.29+24	39.8+1.1	IV.
1840	38.89 - 11	7.4 - 1.2	868	2489	10.62+03	52.3+7.0	828
2292	56.32+12	50.1 - 0.2	869	2492	24.23 - 05	29.7 - 1.4	870
2310	58.91+10	52.0 - 2.8	869	2494	38.25+39	3.8+2.7	871
2312	37.01 - 30	— —	869	2498	21.95 - 02	29.8+1.6	829
2317	22.62+16	— —	869	2499	23.00 - 26	23.2 - 6.9	870
2319	25.09+15	43.0 - 0.5	869	2501	43.25 - 17	14.1+7.7	828
2323	32.26+06	23.0 - 3.6	869	2505	9.09 - 59	29.8+13.6	828
2327	3.95+21	57.1 - 0.9	869	2508	33.38+06	37.2+1.7	V.
2335	36.04+14	32.5+1.0	869	2511	47.69 - 22	33.8 - 4.5	829
2337	44.16 - 14	18.9+3.8	869	2515	26.80 - 06	47.6+0.1	829
2340	27.42 - 25	35.5+3.2	869	2517	10.71 - 60	57.2+3.6	829
2345	8.65 - 02	18.4 - 1.8	870	2521	38.59 - 10	26.9+4.5	828
2346	19.39+08	40.8+2.7	869	2525	59.23+20	56.9 - 3.4	870
2349	42.43 00	38.6 - 2.6	869	2532	55.74 - 09	12.0+1.1	870

I. (869) +0.08 —; (870) -0.08 0.0. **II.** (828) +0.02 -1.2; (870) -0.02 +1.1. **III.** (829) +0.14 -1.1; (871) -0.13 +1.1. **IV.** (829) +0.11 -1.2; (871) -0.10 +1.1. **V.** (828) 0.00 —; (870) 0.00 0.0.

-9° -15°

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
2533	56.39 - 02	49.7+1.7	829	2646	16.06 - 07	52.6+1.3	VIII.
2535	4.27 - 06	11.4+4.5	828	2648	23.76 - 13	19.0 ?	IX.
2538	25.35+01	30.4+3.8	829	2650	47.83+20	51.6+6.1	828
2542	55.20 - 48	0.7+2.2	829	2651	53.20 - 03	6.5+4.6	828
2546	8.88+01	25.7+0.7	I.	2659	12.93 —	24.9+3.7	829
2550	43.36 - 09	40.7+2.7	II.	2663	15.76+03	39.0 - 2.1	828
2552	50.30 - 10	13.2 - 1.6	870	2667	42.91 - 03	34.3+0.4	X.
2559	26.30 - 06	51.5 - 0.7	III.	2668	56.48 —	19.0 - 0.4	829
2563	53.92+04	24.1+2.5	IV.	2669	56.81 - 39	— —	870
2564	55.27 - 37	23.9+0.8	828	2671	4.88+19	23.6+6.7	828
2569	39.04 - 77	51.3+2.7	828	2674	38.70 - 14	24.3 - 3.4	828
2572	47.19 00	10.6+0.7	V.	2676	5.80 - 08	26.3+0.7	XI.
2574	54.09 00	47.2+4.3	828	2687	45.79 - 12	4.3 - 0.4	871
2576	57.66+18	52.0+1.1	829	2688	51.07 - 07	52.2 - 3.8	829
2579	35.36 - 22	33.1+0.9	829	2689	58.80+12	5.5 0.0	XII.
2587	4.85 - 06	50.2+3.6	828	2692	17.42 - 29	25.0 - 0.9	828
2593	37.14+01	56.5+1.4	870	2695	54.06 - 11	33.7 - 2.1	871
2597	13.92 - 09	25.3+0.2	829	2700	11.26 - 02	59.5 - 0.8	XIII.
2600	27.57 - 20	49.7 ?	829	2703	41.81 - 32	34.7 0.0	870
2602	2.94 - 15	36.1 - 3.2	870	2704	57.07 - 09	31.0 - 1.2	XIV.
2610	19.88 - 08	32.1+3.0	VI.	2716	19.77 - 18	52.3+0.8	870
2611	20.86+03	— —	828	2725	36.34+03	28.9+1.5	828
2616	5.77+16	49.9 - 3.1	828	2731	52.35 - 24	45.8+2.0	828
2620	55.31 - 13	6.6+8.3	829	2734	6.98+05	39.1+0.3	828
2625	47.28 - 17	3.9 - 2.5	828	2738	32.28 - 15	58.9+1.6	828
2640	17.91+11	39.7+0.7	VII.	2739	33.30 - 22	14.9+3.3	829

I. (828) -0.06 -2.6; (870) +0.07 +2.5. **II.** (829) 0.00 0.0; (871) +0.01 —. **III.** (829) -0.08 0.0; (871) +0.09 —. **IV.** (829) -0.02 +0.7; (871) +0.03 -0.7. **V.** (829) +0.03 -3.3; (870) -0.03 +3.2. **VI.** (829) +0.04 -0.6; (870) -0.03 +0.5. **VII.** (828) -0.02 +0.8; (829) +0.03 -0.9. **VIII.** (828) +0.03 -0.8; (829) +0.02 —; (870) -0.05 +0.7. **IX.** (829) -0.12 -1.7; (871) +0.12 +1.7. **X.** (829) -0.08 -1.2; (871) +0.09 +1.2. **XI.** (829) -0.05 -0.5; (870) -0.01 +0.3; (871) +0.06 +0.2; **XII.** (828) 0.00 —; (870) +0.01 0.0. **XIII.** (828) -0.04 —; (829) +0.04 0.0. **XIV.** (828) 0.00 —; (870) +0.01 0.0.

Nummer	AR. Diff.	Decl. Diff.	Bemerk.	Nummer	AR. Diff.	Decl. Diff.	Bemerk.
	"	" "			"	" "	
2748	46.72 - 03	1.7 - 1.5	I.	2883	55.25 + 12	23.0 + 4.9	829
2755	33.27 - 14	28.5 - 0.8	828	2888	45.99 - 18	17.6 - 0.6	828
2756	40.90 + 09	53.9 + 3.9	828	2896	19.93 + 13	12.1 - 0.2	829
2760	6.72 - 19	54.0 + 0.4	II.	2897	37.62 00	56.3 - 2.3	828
2762	26.03 - 10	12.0 + 1.8	828	2902	15.14 + 11	24.9 + 2.4	829
2770	48.92 + 04	39.0 - 1.3	III.	2907	40.20 00	39.8 - 6.3	828
2775	32.24 00	30.4 + 1.4	828	2915	32.44 - 18	44.1 - 0.7	828
2776	36.89 00	20.7 - 2.2	829	2921	28.06 + 04	49.7 - 4.0	829
2797	28.27 + 04	16.9 - 2.4	829	2922	33.72 + 07	20.6 - 4.9	829
2810	45.16 + 30	50.2 + 1.2	829	2929	36.20 + 07	4.1 - 3.6	829
2813	10.86 + 02	25.1 + 1.0	IV.	2937	28.28 - 01	40.4 + 5.1	829
2817	31.11 + 01	44.5 - 0.2	828	2938	28.94 + 09	21.6 - 2.2	829
2821	43.03 - 05	19.3 - 0.6	V.	2940	31.65 + 09	4.4 - 1.2	828
2826	16.81 - 23	— —	828	2943	1.22 - 10	32.0 - 5.3	829
2834	45.15 + 09	12.0 - 1.4	871	2945	7.74 + 13	53.1 + 0.7	828
2837	56.98 - 17	57.3 + 2.8	828	2946	28.86 + 04	24.8 - 0.5	829
2844	40.73 + 06	40.2 + 1.2	829	2955	36.50 + 13	25.7 + 1.3	828
2846	20.89 + 04	57.5 - 2.8	829	2967	54.83 + 01	47.0 - 6.0	829
2852	50.00 - 02	23.9 - 6.5	828	2968	5.72 - 09	24.9 + 7.8	828
2853	59.83 + 11	10.1 + 0.8	829	2973	35.78 - 22	32.6 + 11.3	828
2854	0.48 - 13	16.1 + 0.7	829	2974	37.60 + 04	35.1 - 2.1	828
2861	23.50 + 10	22.7 + 2.7	871	2976	48.05 - 04	11.2 - 3.9	829
2869	30.87 + 06	4.1 - 2.4	828	2981	8.09 - 04	47.3 - 2.8	829
2871	45.33 - 07	10.0 - 1.3	828	2989	46.96 + 09	16.6 - 2.4	828
2873	7.06 + 03	32.3 - 3.0	829	2994	38.81 + 01	32.3 0.0	829
2876	25.83 + 05	52.9 - 2.0	829	3001	15.98 - 21	33.1 - 2.8	829
2882	53.39 + 14	13.1 - 0.5	828	3012	52.80 + 08	3.6 - 0.9	829

I. (829) -0.15 0.0; (871) +0.15 —. II. (829) -0.08 -1.5; (871) +0.08 +1.5. III. (829) -0.06 -1.3; (871) +0.06 +1.3. IV. (829) -0.10 +0.5; (871) +0.11 -0.6. V. (829) -0.04 -0.6; (871) +0.04 +0.6.

Vergleichung

der in den

vorhergehenden Stern-Verzeichnissen gegebenen Positionen

mit den

Bestimmungen von Lalande (Ll.), Bessel (B.), Rümker (R.) und Schjellerup (S.)

(Die hier gegebenen Zahlen müssen zu den Positionen des Sternverzeichnisses hinzugefügt werden, um die Positionen von Lalande, Bessel, Rümker und Schjellerup zu erhalten.)

+15° +21°

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		"	"			"	"			"	"
				29	B.	+0.35	+0.5	52	R.	-0.48	+0.8
		+15° bis +21°			R.	-0.49	+2.7	56	B.	+0.43	+2.1
2	B.	-0.24	-0.6	30	B.	-0.31	+0.1		R.	-0.17	-2.8
6	Ll.	-0.34	-0.1	32	Ll.	-0.19	+9.1	57	B.	+0.03	-1.4
	B.	-0.53	+1.7		B.	-0.07	+2.9		R.	-0.37	-1.1
7	Ll.	-0.52	-5.3		R.	-0.07	0.0	58	Ll.	+0.98	+1.1
	B.	-0.44	-3.8	34	B.	-0.21	-2.4		R.	+0.84	+1.3
8	B.	-0.40	-3.0		R.	-0.08	-1.4	60	Ll.	-0.36	-0.9
11	B.	0.00	-2.4	35	B.	+0.54	+2.3	62	Ll.	-0.83	-0.8
12	B.	-0.17	-2.4	38	Ll.	-2.29	+9.2		R.	-0.28	-2.0
13	R.	-0.22	+3.1		R.	-2.22	+0.9	63	Ll.	-0.38	+5.5
14	R.	-0.22	+1.9	40	B.	-0.08	-3.7	68	B.	-0.25	+0.2
15	Ll.	-0.63	-0.8	45	Ll.	-0.63	+6.5	71	Ll.	-1.07	-1.9
	B.	+0.07	-5.3	47	B.	-0.06	-5.6		B.	-0.19	-4.6
16	B.	+0.33	-8.0	48	Ll.	-0.32	+13.3	72	Ll.	+0.30	+9.6
17	B.	+0.27	+2.8		B.	+0.02	0.0		B.	+0.43	-1.1
20	R.	-0.20	+3.7	49	Ll.	+0.27	+3.3		R.	-0.52	+9.9
22	Ll.	-0.30	+3.5		B.	+0.45	-7.1	79	Ll.	-0.08	+7.7
	B.	-0.08	-0.8		R.	-0.56	+4.8		B.	+0.56	-4.8
	R.	-0.15	+5.2	51	Ll.	-0.02	+3.9		R.	-0.13	+1.0

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
80	Ll.	+0″.06	+4″.8	116	R.	-0″.44	+2″.5	150	Ll.	+0″.81	+2″.0
	B.	+0.70	-3.4	117	B.	+0.32	-1.3	151	Ll.	-0.45	-1.2
81	B.	-0.14	-3.2		R.	+1.03	-1.7	153	Ll.	0.28	-0.2
82	B.	+0.07	-5.7	119	Ll.	+0.79	-3.0	155	B.	+0.71	-4.2
87	Ll.	-0.84	+8.0	120	Ll.	-2.38	-1.9	157	Ll.	-0.60	+6.4
	R.	-0.35	+1.0		B.	+0.21	-3.2	158	Ll.	-1.10	+2.6
88	B.	-0.03	+0.7	122	B.	-0.73	-3.4		B.	+0.38	-3.2
	R.	-0.13	+1.5	123	B.	+0.22	-5.2	159	Ll.	-0.05	+1.0
89	B.	-0.49	-3.0	126	Ll.	-0.08	+1.1		B.	+0.12	+0.5
90	Ll.	+0.08	+2.6		R.	-0.09	-0.6	160	Ll.	-0.73	-1.6
	B.	-0.02	-3.6	129	B	-0.01	-5.1		B.	-0.03	-5.9
	R.	-0.23	+4.3	130	B.	-0.43	-2.4	162	Ll.	-0.58	+3.4
93	Ll.	-0.14	+14.0	131	B.	-0.10	-4.2		B.	+0.26	+4.6
	B.	-0.27	-2.2	133	R.	-0.69	-3.1		R.	-0.27	+2.2
	R.	-0.46	+1.2	134	B.	+0.25	-3.3	163	B.	+0.22	-26.4
94	Ll.	-0.46	+7.5		R.	-0.18	+1.7	164	B.	-0.46	-9.6
	B.	-1.15	+2.4	135	B.	-0.20	+8.7	166	Ll.	-0.22	-2.3
95	B.	+0.19	-2.6	137	Ll.	+0.12	+6.4		R.	-0.06	+2.6
96	Ll.	-0.26	+13.5		B.	+0.77	+0.5	169	Ll.	+0.24	+4.4
	B.	+0.37	+4.3		R.	+0.60	-0.1		R.	-0.42	+6.4
97	B.	-0.02	-2.5	140	Ll.	-0.89	+2.6	176	B	-0.14	+6.8
	R.	-0.29	-2.1		B.	-0.51	+2.7	178	B.	+0.74	+6.2
98	R.	-0.59	-18.3		R.	-0.81	+3.3	183	Ll.	-0.38	+18.6
99	B.	+0.03	+5.9	141	Ll.	-1.22	-1.7		B.	-0.11	-0.9
	R.	-0.23	+2.9		B.	-0.46	-8.4	184	Ll.	-0.13	-4.5
100	R.	+3.79	+1.8	142	B.	-0.09	-1.9		B.	+1.35	+1.8
102	R.	-0.34	+2.0	143	B.	-0.12	-3.5		R.	-0.12	-3.4
106	B.	+0.13	-3.3	144	Ll.	-0.39	-2.5	187	B.	-0.21	-6.4
110	B.	-0.09	-6.4		B.	-0.59	-7.3		R.	-0.01	-2.1
114	R.	+0.71	-0.5	148	Ll.	-0.88	+3.9	188	Ll.	-0.10	+4.0
116	B.	-0.76	+0.5	149	B.	+3.17	+5.0		B.	+0.22	+6.8

+15° +21°

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		"	"			"	"			"	"
188	R.	-0.21	-0.2	225	B.	-0.58	+4.0	275	Ll.	-1.00	+5.5
189	B.	+0.22	-0.8	226	B.	+0.71	-0.1		B.	-0.10	-4.9
	R.	+0.27	--		R.	+0.23	+2.8	279	R.	-0.59	-3.3
190	B.	+0.65	-3.3	230	R.	-0.10	-2.8	282	Ll.	+0.87	+0.2
191	B.	+0.03	+7.8	235	B.	+0.13	-4.2		B.	+0.95	-4.5
	R.	-0.22	+3.4		R.	-0.55	+0.3		R.	+0.84	-2.6
194	Ll.	-1.01	+0.1	237	Ll.	-1.12	-0.3	283	Ll.	-0.32	+0.2
196	B.	+0.06	-0.1		R.	-0.85	+0.6		B.	0.00	-5.4
199	Ll.	-0.71	+34.1	239	R.	-0.76	-1.9		R.	-0.30	-4.3
	B.	-0.31	-3.6	244	Ll.	-1.32	-2.1	287	Ll.	-0.11	+3.5
200	B.	+0.19	-4.0		B.	-1.13	+2.7	289	B.	-0.13	-4.3
	R.	-0.12	+3.0		R.	-1.57	-1.8		R.	-0.19	-0.6
201	Ll.	-0.59	+5.7	245	R.	-0.63	-1.0	294	B.	+0.21	-5.1
	B.	-0.21	-4.3	250	B.	-1.65	-4.4		R.	+0.25	+0.7
204	B.	+0.40	-4.7	251	B.	-0.08	+1.8	295	R.	-0.23	+3.5
	R.	-1.65	—	253	Ll.	-0.70	+8.5	306	R.	+0.04	+0.2
207	Ll.	-0.07	+11.3		B.	+0.13	-2.2	309	Ll.	-0.58	+1.3
	B.	+0.29	+1.7		R.	-0.25	0.0		B.	-0.39	-5.0
208	B.	+0.26	+1.8	255	B.	-0.16	+26.0		R.	-0.34	-0.8
210	Ll.	-0.98	+6.8	258	B.	-0.13	0.0	311	Ll.	-0.33	+1.3
	R.	-1.16	+1.6	259	Ll.	-0.73	+6.9		R.	-0.47	-1.9
211	R.	-0.45	+2.9		R.	-0.20	+0.7	312	B.	-0.67	+7.3
213	B.	-0.01	+8.3	261	Ll.	-0.59	+4.6		R.	-0.73	+4.4
	R.	-0.19	+2.5	263	R.	-0.25	+1.9	314	Ll.	-0.46	+6.5
219	R.	-0.86	+8.1	265	Ll.	-0.97	+4.1	315	R.	+0.29	+3.4
221	Ll	-0.28	+2.9		R.	-0.16	-0.8	317	Ll.	-0.91	-2.3
	B.	-0.18	+1.5	266	B.	-0.05	-1.7		B.	-0.29	+3.0
222	B.	+0.43	+7.4	268	B.	-1.12	-0.6		R.	-0.52	-2.6
	R.	+0.10	-0.3	270	Ll.	-0.57	+11.7	319	B.	-0.26	-4.1
223	Ll.	-0.67	+46.1	271	B.	-0.16	+6.2		R.	-0.22	-3.1
	B.	-0.08	+2.2		R.	-0.10	-3.8	324	B.	-0.01	-4.3

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		"	"			"	"			"	"
326	B.	+0.40	-2.1	391	B.	-0.18	+4.5	436	R.	-0.22	+1.9
328	Ll.	-0.11	+2.0	394	B.	+0.05	-2.2	437	Ll.	0.00	+7.0
	B.	+0.15	-0.3	395	Ll.	-0.23	+1.9		B.	+0.30	-2.1
331	B.	+0.39	+6.9		B.	-0.28	-5.1	439	B.	-0.23	-2.2
333	B.	+0.05	+4.9	398	B.	+0.11	+3.5		R.	-0.01	+0.2
335	B.	+0.31	-3.9	400	B.	+0.45	+8.7	441	Ll.	-0.45	-3.4
337	Ll.	-0.43	+11.8	404	B.	+0.01	-3.8		B.	+0.01	+2.7
338	B.	-0.16	-3.3	406	Ll.	-0.31	+8.5		B.	-0.20	+4.4
344	B.	+0.18	-1.4		B.	+0.18	-0.4	444	B.	-0.52	-3.8
346	B.	+0.46	+2.9	408	Ll.	-0.31	+0.6	446	B.	-0.53	-4.6
351	Ll.	+1.07	-3.9		B.	+0.27	+2.0		R.	-0.59	-2.9
357	B.	+10.05	+3.6		R.	-0.06	+0.3	448	B.	+0.50	-.03
360	B.	+0.07	+9.4	409	B.	+0.15	-5.2		R.	+0.26	+1.7
364	B.	-0.02	+44.6	413	Ll.	-0.19	+6.5	449	Ll.	0.00	+4.4
366	B.	-0.20	-0.8		B.	+0.34	+4.3		R.	-0.28	0.0
367	B.	+0.15	+8.5		R.	-0.55	+1.7	450	R.	-0.48	+0.9
368	Ll.	+4.56	+3.6	414	Ll.	+0.42	+32.6	451	R.	-0.15	-2.7
371	Ll.	+0.19	+3.3	415	B.	-0.22	+6.9	454	B.	+0.34	+1.8
	B.	+0.53	+10.8	416	B.	-0.19	-1.4	455	Ll.	+0.16	+8.5
372	B.	-0.31	+1.3	421	B.	-0.40	-2.3		B.	+0.37	+0.1
373	Ll.	-0.41	+4.0		R.	-0.34	-0.9	456	Ll.	-0.77	+0.7
	B.	-0.18	+1.3	424	B.	+0.02	-5.3		R.	-0.40	-2.3
381	B.	-0.19	-0.3		R.	-0.33	+2.1	457	B.	-0.19	-7.8
382	Ll.	+0.01	+6.5	425	B.	-0.12	-2.5	458	Ll.	-0.02	-5.0
	B.	-0.20	-1.2	427	B.	-0.16	-3.4		B.	-0.10	-3.0
	R.	+0.25	+0.4		R.	-0.40	-1.8	459	B.	-0.25	-7.5
387	Ll.	-0.04	-1.4	428	R.	-0.16	-1.8	460	B.	+0.19	-1.3
	B.	-0.53	-0.3	429	Ll.	-0.07	+3.1		R.	-0.42	—
388	B.	+0.27	-1.9		B.	-0.22	-4.1	462	B.	-0.10	+2.3
389	R.	-0.08	+0.7	430	B.	-0.06	-2.2	465	R.	-0.35	+0.7
390	B.	-0.45	-2.7	434	B.	+0.18	+2.0	468	Ll.	-0.88	-0.5

+15° +21°

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
470	B.	-0.″10	+0.″3	507	R.	-0.″26	+4.″1	581	B.	-0.″03	-5.″5
471	R.	-0.40	+0.6	599	B.	+0.13	+3.1	585	B.	+0.38	-5.3
474	B.	-0.04	-1.0		R.	-0.48	-0.9	586	B.	+0.23	+3.6
477	Ll.	-0.35	+1.3	513	R.	-0.11	-1.2		R.	-0.06	+2.1
	B.	-0.02	+2.2	518	Ll.	-0.40	+12.3	588	B.	-0.01	-7.6
	R.	-0.55	-1.3		B.	-0.31	+1.7	590	R.	-0.21	-0.2
478	B.	-0.43	-0.8	522	B.	0.00	+2.7	592	B.	+0.04	-4.8
	R.	-0.18	+4.6	524	R.	-0.08	+6.1	594	B.	-0.18	-1.0
479	R.	-0.03	+0.5	526	R.	-0.39	-8.6	598	Ll.	-0.02	+1.7
480	Ll.	-0.28	+2.7	529	R.	-0.13	-2.8		R.	-0.48	-1.1
	B.	+0.15	-1.6	532	Ll.	-0.40	+7.0	601	B.	-0.03	+1.2
483	R.	-0.09	+3.6		B.	-0.39	-0.4	602	R.	-0.55	+2.4
486	Ll.	-0.51	+0.5	534	R.	-0.19	+0.5	606	Ll.	-0.34	+4.7
	B.	-0.25	-6.8	535	B.	-0.11	-4.5	607	B.	+0.09	-4.0
487	Ll.	-0.12	+14.2	539	R.	-0.37	+2.5	608	B.	-0.07	-6.7
	B.	-0.21	-0.6	541	B.	-0.41	+4.1	610	B.	-0.07	+1.4
490	B.	-0.24	-6.8	543	B.	-0.18	+7.0	615	Ll.	-0.32	+4.0
492	R.	-0.16	-1.5		R.	-0.22	+8.3		R.	-0.18	+0.2
494	B.	-0.13	-1.1	544	Ll.	-0.36	+3.7	616	B.	-0.34	-2.2
	R.	-0.08	+0.3	547	R.	+0.35	-5.6		R.	-0.53	+4.4
495	Ll.	+0.33	+1.3	552	B.	+0.18	-4.4	620	Ll.	-0.52	+5.1
	R.	+0.72	-1.2	555	R.	+0.01	+1.5		B.	-0.74	+0.2
496	B.	-0.10	+2.7	558	R.	-0.37	-1.3	621	R.	-0.51	+0.1
	R.	+0.08	—	561	B.	+0.24	-6.2	625	Ll.	+0.10	+5.5
497	R.	+0.07	+1.2	564	Ll.	+0.31	+1.6	628	Ll.	+0.50	+7.2
504	Ll.	-0.63	+5.3	566	Ll.	-0.03	+2.4	629	R.	-0.30	-0.2
505	R.	-0.21	+3.5		R.	-0.02	-3.5	630	B.	+0.24	-11.4
506	Ll.	-0.69	+4.5	571	R.	+0.56	+1.4	633	B.	-0.02	-1.0
	R.	-0.40	-2.6	574	Ll.	-0.23	+4.5	634	B.	+0.30	+0.2
507	Ll.	-0.20	+9.7	575	R.	-0.23	+2.6		R.	-0.15	+1.6
	B.	+0.02	+3.3	576	B.	-0.13	+2.5	635	B.	+0.27	-8.5

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″				
636	B.	-0.18	-8.9	683	R.	+0.09	-0.7	733	R.	-0.32	-4.5
	R.	+0.18	—	685	R.	-0.34	+0.3	734	B.	+0.01	-1.6
638	R.	-0.08	+2.0	686	B.	-0.24	+1.5	735	B.	+0.08	+4.0
640	B.	-0.33	-1.0	690	B.	-0.28	-9.5	740	B.	-0.56	+3.9
643	R.	-0.39	-1.1	691	R.	-0.23	+0.6	742	B.	-0.77	-3.6
645	B.	-0.66	+1.8	692	Ll.	+0.16	-5.7	744	B.	-0.29	-2.0
647	B.	0.00	-0.6		R.	-0.09	-10.5	746	B.	-0.04	+0.9
652	B.	-0.60	-2.7	697	Ll.	-0.47	+9.4	750	B.	-0.31	+2.8
653	Ll.	+0.34	+4.2	698	B.	-0.08	-1.8		R.	-0.55	+3.3
	R.	+0.04	+2.1	700	Ll.	+0.22	+6.5	757	B.	-0.18	+1.4
655	Ll.	-0.05	+12.2		R.	+0.11	+3.3	758	B.	-0.26	+2.8
	R.	-0.35	+0.5	703	R.	-0.14	-0.9	759	B.	-0.22	+3.1
657	R.	-0.41	0.0	705	Ll.	0.00	-6.3	762	B.	-0.06	+2.2
662	B.	-0.04	-2.4		B.	+0.01	-6.4	763	Ll.	-0.05	+13.6
665	Ll.	+0.11	-0.7	706	B.	+0.11	-4.5	764	Ll.	-0.22	+7.6
	B.	+0.04	-3.7	708	R.	-0.13	-1.5		R.	-0.25	+0.3
666	B.	-0.60	+1.8	710	R.	+0.02	-0.4	768	Ll.	-1.11	+2.5
	R.	-0.51	+0.1	711	R.	+0.10	+7.0		R.	-0.17	+0.1
668	Ll.	+0.38	-7.1	712	Ll.	-0.30	+1.2	769	B.	+0.09	+3.0
	B.	+0.04	+1.7		B.	-0.12	-3.6	771	B.	-0.28	+1.7
	R.	-0.32	+2.6		R.	-0.38	-1.3	777	B.	-2.46	-0.2
670	B.	+1.96	+2.5	714	Ll.	-0.21	+2.2	781	Ll.	-0.76	+6.6
671	R.	-0.09	-0.5	721	B.	-0.27	-5.6	785	Ll.	-1.06	-18.8
672	Ll.	-0.09	+1.0	723	B.	-0.21	-13.4		B.	-0.96	-9.6
	R.	-0.47	+1.6	726	B.	-0.26	+2.0	787	B.	-0.16	0.0
673	R.	-0.33	-1.8	728	Ll.	-0.16	+5.9	792	B.	-0.50	+1.8
674	R.	-0.38	-1.4		R.	-0.37	-0.1	797	Ll.	-0.55	+5.7
675	B.	-0.62	+0.9	730	B.	+0.17	0.0		B.	-0.29	-0.5
681	B.	+0.34	-5.6	731	B.	+0.04	-4.2	798	Ll.	-0.17	+1.6
682	R.	-0.38	+0.4	732	R.	-0.44	-0.8		B.	-0.12	-0.1
683	Ll.	-0.11	-0.7	733	Ll.	-0.12	+1.4	802	Ll.	-0.40	+2.2

+15° +21°

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
802	B.	-0.33″	0.0″	869	Ll.	+0.09″	+5.8″	917	Ll.	-0.43″	+5.1″
808	R.	+0.12	+0.9	871	R.	+0.02	+2.1		B.	0.00	+1.9
816	B.	-0.73	+2.0	872	R.	-0.18	-0.8	918	Ll.	-0.31	+7.9
820	B.	-0.75	-0.9	874	R.	-0.04	+2.6	920	B.	-0.08	-1.1
824	B.	-0.45	-0.4	875	R.	-0.29	+0.2	922	Ll.	-0.86	+7.5
827	B.	-0.44	-0.5	880	Ll.	-0.35	+2.2		R.	-0.54	+1.3
828	Ll.	-0.86	+2.3		R.	-0.14	-1.1	923	B.	+0.39	+0.5
	B.	-0.20	-6.1	881	B.	0.00	-1.1	924	B.	-0.39	-3.9
835	B.	-0.10	-4.1		R.	-0.11	+0.5	925	R.	+0.02	+2.1
836	B.	-0.13	+4.1	882	Ll.	-0.56	+12.6	928	Ll.	-0.84	+3.6
837	R.	-2.27	+34.1	886	B.	-0.07	-3.4		R.	-0.40	+0.1
838	Ll.	-0.32	-0.7	888	B.	-0.04	+1.3	930	B.	-0.12	-5.6
	R.	-0.07	+1.7	890	B.	0.00	-0.4		R.	-0.20	-4.5
840	B.	-0.23	+0.4		R.	-0.34	-0.7	934	Ll.	+0.04	+3.5
844	B.	-0.26	-1.1	891	Ll.	-0.03	+5.9		R.	-0.14	+1.1
848	B.	-1.14	-1.2	893	Ll.	-0.34	+3.3	938	Ll.	-0.05	+6.6
850	Ll.	-0.37	+4.7		B.	-0.57	-1.9	941	B.	-0.88	+2.7
853	B.	+0.02	-4.6		R.	-0.48	+1.7	942	Ll.	+0.38	+0.7
857	R.	-0.05	+0.4	894	B.	-0.07	+0.3		R.	+0.13	-3.1
860	Ll.	-0.24	-4.8		R.	-0.13	0.0	944	B.	-0.12	+3.1
861	B.	-0.36	+1.1	899	Ll.	+0.15	+12.5		R.	-0.49	+1.8
	R.	-0.45	0.0	900	B.	+0.13	-5.2	945	R.	-0.23	-4.2
862	B.	+0.05	—	901	B.	-0.35	+2.6	946	B.	+0.08	-0.8
	R.	-0.02	+1.2	903	Ll.	+0.08	+12.0		R.	-0.41	—
864	B.	-0.15	-3.0	904	Ll.	-0.53	+4.1	949	Ll.	-0.40	+12.7
	R.	-0.39	+0.9	906	B.	+0.15	-1.1	951	Ll.	+0.02	+3.8
866	Ll.	-0.84	+5.2	907	B.	-0.64	-1.7	952	B.	+0.76	+3.5
867	B.	+0.05	-0.9		R.	-0.63	+4.9	953	B.	+0.18	-3.4
	R.	-0.22	+1.6	911	B.	-0.08	+1.5	954	Ll.	+1.19	+8.8
868	Ll.	+0.22	+6.5	913	R.	+0.03	-0.6		R.	+1.00	+4.4
	R.	+0.10	-0.6	916	Ll.	-0.15	+1.7	956	Ll.	-0.44	+7.1

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
956	R.	-0.63	+2.7	999	R.	-0.41	-2.5	1064	R.	-0.62	-0.6
959	Ll.	+0.24	+2.2	1002	Ll.	+3.92	+7.8	1066	B.	-0.24	+12.6
	R.	-0.31	+3.9	1007	R.	-0.88	+1.9		R.	-1.57	+0.9
962	B.	+0.09	-0.6	1013	R.	-0.26	-0.5	1067	Ll.	-0.13	+5.9
963	R.	-0.30	+3.4	1017	B.	+0.24	+0.2	1068	R.	-0.66	+1.8
964	B.	+0.06	-4.5	1018	Ll.	-0.03	+2.8	1071	B.	-0.42	+0.7
968	B.	+0.77	-1.5		B.	-0.59	+0.2	1072	B.	-0.54	+5.1
970	Ll.	-0.34	+4.6		R.	-0.31	-0.2	1073	Ll.	+0.17	-0.4
	R.	-0.28	+1.3	1022	B.	-0.10	+4.7		R.	+0.10	+3.0
972	R.	-0.43	+5.9	1029	Ll.	-0.04	+10.2	1074	Ll.	+4.65	+2.1
973	Ll.	-0.54	+4.7		R.	-0.48	+5.4	1075	B.	+0.40	+3.5
	B.	+0.06	+0.3	1030	Ll.	+0.33	+8.7	1077	Ll.	-0.21	+4.2
975	Ll.	-0.66	-2.4	1031	R.	-0.25	+0.3		B.	+0.36	+4.8
	B.	+0.26	-0.4	1033	B.	+0.63	+5.8		R.	-0.34	+0.7
	R.	-0.39	-0.8	1036	Ll.	-0.33	+8.9	1078	R.	+0.69	-0.5
976	B.	-1.02	-7.4	1038	Ll.	-0.26	-0.4	1079	R.	+0.12	-0.8
	R.	-0.87	-3.7		B.	+0.01	+1.1	1084	B.	-0.29	+2.9
980	Ll.	-0.24	+8.4	1045	B.	-0.26	+1.8	1087	B.	+0.43	+13.8
	R.	-0.34	+1.4	1046	B.	+0.09	+1.3		R.	+0.17	+4.1
983	B.	-0.42	+3.9	1047	Ll.	+0.08	+7.9	1091	Ll.	-0.74	+5.9
984	R.	-0.23	-4.6		R.	+0.09	-0.8	1092	Ll.	+0.08	+1.2
985	R.	-0.67	+1.6	1052	B.	-0.01	+4.4		B.	+0.45	+6.4
987	B.	+0.90	-2.4		R.	-0.29	+3.4	1094	R.	+0.07	+3.3
	R.	+0.28	-1.4	1055	B.	-0.06	-1.0	1096	R.	-0.25	+1.6
990	B.	+0.23	+1.5	1058	Ll.	-0.23	+3.5	1097	Ll.	-0.38	+0.8
991	Ll.	-0.38	-4.5		R.	+0.59	+1.6		R.	-0.23	-0.1
	B.	+0.08	+1.5	1059	B.	-0.30	-2.9	1098	B.	+0.34	+8.7
995	R.	-0.27	-1.8	1060	Ll.	+0.52	-3.8	1104	Ll.	+0.11	+7.0
997	B.	+0.72	—		R.	-0.36	+4.6		B.	+0.66	+1.6
	R.	-0.36	+0.7	1062	B.	+0.17	-0.9	1106	B.	+0.37	+3.1
999	Ll.	+0.02	+8.1	1064	Ll.	-0.54	+9.8		R.	-0.22	-1.3

-9° | -15°

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
1108	Ll.	-0.44	-6.1	1147	Ll.	-0.13	+3.9	1204	B.	+0.24	0.0
	B.	-0.14	0.0	1148	B.	+0.49	+3.4	1207	B.	+0.19	+0.8
	R.	+0.01	-2.2	1152	Ll.	+0.10	-1.2		R.	-0.45	-1.0
1109	Ll.	-0.26	+7.8		R.	-0.44	-0.6	1208	R.	+0.22	-1.8
	B.	+0.25	+0.4	1153	B.	+0.51	+3.8	1209	R.	+0.09	+7.3
1111	B.	+0.47	+6.0	1155	Ll.	+0.15	+6.3	1212	Ll.	-0.17	+5.0
1114	B.	-0.16	+2.4	1157	B.	+2.03	+12.1		R.	-0.23	+2.3
	R.	-0.17	+2.1	1159	Ll.	-0.80	-2.5	1213	Ll.	-0.35	+7.7
1116	Ll.	-0.34	+6.4		B.	+0.06	-0.2		B.	+0.07	+3.0
	R.	-0.64	-5.9	1165	Ll.	-0.12	+6.3		R.	-0.30	+3.0
1117	R.	-0.37	+4.9	1166	Ll.	-0.29	+2.4	1214	B.	-0.01	+3.6
1118	Ll.	-0.24	+1.7	1173	Ll.	-0.39	+8.4	1219	B.	+0.74	+4.0
	B.	-0.15	+5.1	1174	B.	+0.84	+2.3	1221	Ll.	+0.06	+7.7
	R.	-0.34	+2.0		R.	-0.04	-2.5		R.	-0.40	+3.3
1121	B.	-0.46	+0.1	1177	Ll.	-1.20	+0.2	1225	B.	-0.31	-1.0
1122	R.	-0.03	-1.1	1178	Ll.	-0.17	+12.1	1229	Ll.	+0.08	+8.5
1125	Ll.	+0.02	+0.4		B.	+0.58	+5.1		R.	-0.18	+2.5
	B.	-0.06	+4.2		R.	+0.07	+1.7	1232	B.	-0.63	-2.2
1126	B.	+0.02	+3.4	1180	B.	+0.42	+2.9	1234	Ll.	-1.66	+0.9
1128	Ll.	-1.33	-3.6	1185	Ll.	-0.55	+4.7	1236	Ll.	-0.07	+9.3
	B.	-0.45	+2.4		B.	-0.39	+3.1	1239	B.	-0.05	+2.2
	R.	+0.89	+0.9		R.	-0.33	-1.0	1240	B.	+0.32	-0.8
1130	Ll.	-0.11	+7.1	1188	B.	+0.58	+5.6	1241	Ll.	+0.45	+10.0
1133	Ll.	-0.11	+4.7	1189	Ll.	-0.51	+2.8		B.	-0.40	+3.0
1138	Ll.	-0.48	+6.9		B.	+0.04	+4.3	1242	B.	0.00	-2.1
	B.	-0.24	+3.6	1191	R.	-0.26	-1.4	1250	B.	-0.20	+1.9
	R.	-0.37	+6.6	1195	Ll.	+0.47	+15.4	1252	B.	+0.36	-8.3
1142	B.	+0.02	-3.8		R.	+0.35	+1.3	1253	Ll.	-0.04	+4.1
1144	B.	-0.58	+2.9	1196	B.	+0.01	+3.0		B.	+0.27	+2.3
1145	Ll.	-0.03	-0.9		R.	-0.45	+0.9	1255	Ll.	-0.04	+34.4
	R.	+0.12	-1.5	1200	B.	+0.19	+2.8		B.	+0.50	+35.3

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
1257	Ll.	+0″.56	+8″.2	1290	R.	-0″.70	-2″.7	1326	B.	+0″.58	+1″.3
	R.	-0.13	-0.4	1294	R.	-0.02	+2.3		R.	-0.04	-1.9
1358	Ll.	+0.14	+6.7	1295	Ll.	-0.74	-27.4	1328	B.	+0.30	+6.7
	B.	+0.11	+3.3		R.	-0.33	+2.4	1329	Ll.	+0.33	-2.1
1263	Ll.	-0.11	-0.6	1297	B.	-0.06	+3.3		B.	-0.33	-1.2
	B.	+0.04	+0.4	1300	Ll.	-0.43	-3.3	1331	Ll.	-0.06	+1.8
1264	R.	-0.21	+5.4		B.	+0.36	-2.6		B.	-0.16	-4.3
1265	Ll.	+0.22	+5.9		R.	-0.03	-4.3		R.	-0.43	-1.1
1266	B.	-0.02	+4.9	1302	Ll.	-0.59	-0.2	1332	Ll.	-1.13	+10.5
1268	Ll.	-0.03	+2.4		B.	-0.25	-0.3		R.	-0.21	+2.0
	B.	+0.07	+2.5		R.	-0.47	-1.6	1333	R.	-0.01	+2.9
	R.	-0.26	+0.2	1307	R.	-0.33	+2.0	1338	R.	+0.04	-1.8
1271	Ll.	-0.05	+2.3	1309	Ll.	-0.40	+0.3	1339	B.	-0.12	+1.5
1272	B.	+0.07	+5.5		B.	-0.16	+1.8	1340	B.	-0.03	+3.6
1274	B.	-0.50	-1.3		R.	-0.31	-1.2	1342	B.	-0.01	+3.6
1275	R.	-0.15	-0.5	1314	B.	+0.42	-3.0	1350	R.	-0.30	+1.2
1277	Ll.	+0.05	+3.9		R.	-0.10	-4.9	1355	Ll.	-0.16	-2.0
1278	Ll.	-0.54	+5.8	1315	B.	+0.18	+3.5	1357	Ll.	-0.23	+3.5
	R.	-0.14	-2.0		R.	-0.32	-0.5		R.	-0.07	-1.3
1279	R.	-0.66	+7.0	1316	Ll.	+0.05	+4.8	1358	R.	-0.16	—
1282	Ll.	+0.11	+3.1		B.	+0.06	+0.6	1361	B.	-0.14	+2.6
	B.	+0.20	+4.3		R.	-0.22	-2.6	1362	B.	-0.08	+8.0
	R.	-0.14	-0.3	1318	B.	+0.20	+3.3	1363	B.	-0.02	-0.5
1285	Ll.	+0.15	+2.0		R.	-0.64	+2.1		R.	-0.07	-2.6
	B.	+0.19	+1.8	1319	Ll.	-0.16	+4.3	1364	B.	-0.01	+4.0
1286	B.	+0.32	+3.5		R.	-0.28	+4.3		R.	-0.51	+1.6
	R.	+0.18	+0.4	1320	Ll.	+0.23	+0.6	1365	R.	-0.18	-1.3
1288	Ll.	-0.53	+2.7		B.	+0.25	+0.9	1367	R.	-0.18	-2.8
	B.	+0.04	-0.9		R.	+0.01	-0.8	1372	Ll.	-0.58	+4.4
	R.	-0.11	-0.2	1324	B.	+0.10	+3.6	1374	Ll.	-0.18	+9.2
1290	B.	-0.01	-1.6	1326	Ll.	-0.19	+1.1		R.	-0.01	+1.6

+15° +21°

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
1376	Ll.	-0.25	-1.8	1418	R.	-0.31	+3.0	1462	R.	-0.16	+2.6
	B	+0.08	+0.2	1421	Ll.	-0.34	+1.0	1463	R.	+0.16	+2.4
	R.	-0.11	+0.2		R.	-0.37	-0.4	1464	Ll.	-0.76	+2.3
1379	B.	-0.51	+6.6	1422	B.	-0.20	+5.9		R.	-0.21	-7.6
1381	Ll.	-0.44	+1.7	1424	R.	-0.17	-0.8	1465	B.	+0.57	+4.0
	R.	-0.14	+0.4	1426	B.	+0.38	+7.6	1466	Ll.	-0.76	+3.1
1383	Ll.	-0.63	+4.3	1428	Ll.	+0.25	+0.6	1468	Ll.	+0.01	+8.6
	B.	-0.48	+1.7		B.	+0.57	-2.4		R.	-0.07	+2.3
	R.	-0.53	+1.4		R.	-0.09	-4.1	1469	B.	+0.08	-1.4
1385	B.	+0.15	-2.9	1429	R.	-0.01	+4.8		R.	-0.41	-7.4
	R.	-0.24	-5.2	1430	Ll.	-0.39	-1.7	1471	B.	-0.50	-2.0
1388	B.	-0.73	+4.8		R.	-0.08	—	1472	B.	+0.19	+3.7
1391	R.	+0.08	-2.2	1432	Ll.	-0.45	+4.9	1473	R.	-0.23	-0.4
1393	Ll.	-0.40	+4.2	1433	Ll.	-0.08	+4.9	1475	B.	+0.38	-0.3
	B.	+0.66	-0.8		R.	-0.41	-0.6		R.	-0.47	-3.6
1394	B.	-0.27	+3.4	1437	Ll.	-0.06	+5.1	1476	B.	-0.45	+2.2
	R.	-0.46	+2.9		B.	-0.04	+2.4	1477	B.	-0.49	-1.3
1395	Ll.	-0.11	-1.8		R.	-0.33	+0.6	1480	Ll.	+0.32	+11.1
	B.	-0.27	-1.3	1439	R.	-0.63	+1.5		R.	-0.27	+1.3
	R.	-0.11	-3.2	1443	B.	+0.21	-3.6	1481	B.	-1.19	-1.4
1402	Ll.	-0.77	-1.5		R.	+0.41	-4.5	1483	R.	-0.45	+6.0
1404	Ll.	-0.36	+5.5	1445	Ll.	-0.35	+7.8	1485	B.	-0.24	-2.5
	R.	-0.74	+1.3		R.	-0.32	+0.4	1486	R.	-0.31	-4.1
1406	B.	+0.18	-3.6	1446	R.	-0.12	+0.3	1487	B.	+0.26	+0.4
1407	R.	-0.09	+4.3	1447	B.	-0.31	+0.1	1489	B.	-0.31	-4.7
1410	R.	-0.25	+3.4	1451	B.	-0.10	+7.2	1490	Ll.	-0.42	+1.2
1412	R.	-0.33	+1.2	1455	B.	-0.15	+5.1		B.	-0.20	-1.1
1415	R.	-0.19	+0.2	1457	R.	+0.26	-4.9		R.	-0.15	-1.3
1416	Ll.	+0.03	+4.4	1458	B.	-0.37	+0.7	1491	Ll.	-0.66	+2.1
	B.	+0.40	+1.5	1461	B.	+0.32	-1.3		R.	-0.45	+0.6
1418	B.	-0.29	+3.0	1462	B.	-0.07	+2.2	1492	Ll.	+0.01	+9.9

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
1492	B.	-0″.03	+5″.7	1530	R.	+0″.04	+1″.7	1569	B.	-0″.17	-2″.7
	R.	-0.18	+1.6	1531	Ll.	-0.09	+1.9		R.	-0.18	-2.0
1494	B.	+0.17	+1.9		B.	-0.08	+8.0	1572	Ll.	-0.08	-3.5
1496	B.	-0.15	-2.5		R.	-0.44	-0.7		B.	-0.02	-1.2
1498	Ll.	-0.11	-0.4	1532	Ll.	+0.26	+2.3		R.	-0.60	-2.0
1500	R.	-0.15	+1.8		B.	+0.62	+5.0	1573	B.	+0.22	+1.1
1501	Ll.	-0.92	+8.7		R.	0.00	-0.4	1576	Ll.	-0.20	+6.7
	B.	-0.55	+3.0	1533	Ll.	-0.09	+2.3		R.	-0.19	-1.9
1503	Ll.	+0.22	+7.1		B.	-0.01	-0.5	1579	Ll.	-0.06	+3.7
	R.	-0.08	+0.7	1536	B.	-0.06	+3.5		R.	+0.06	-0.3
1504	Ll.	+0.03	+1.9		R.	-0.37	+2.4	1580	Ll.	+0.48	-0.5
	B.	-0.29	-1.5	1540	B.	+0.16	-0.9		B.	+0.54	+0.3
1505	Ll.	+0.05	+2.4	1544	B.	+0.25	+1.1		R.	-0.71	+2.3
1507	B.	-0.33	+1.8		R.	-0.54	-0.2	1581	Ll.	-1.39	+6.0
1508	R.	+0.12	-2.3	1549	Ll.	+0.06	+9.6		B.	-0.33	+4.4
1509	B.	-0.04	-6.1		R.	-0.15	+6.4		R.	+1.40	-4.8
1511	R.	-0.52	-0.1	1550	B.	-0.47	-1.7	1582	Ll.	-0.81	+2.8
1512	R.	-0.61	+1.6		R.	-0.33	-1.1		B.	+0.04	-3.2
1514	R.	-0.35	+4.7	1553	B.	-0.19	-6.9		R.	-0.36	-1.6
1515	B.	-0.02	-3.9	1556	Ll.	-0.80	+6.4	1583	B.	-0.06	+2.1
1516	Ll.	+0.30	+3.9		B.	+0.16	+2.1	1585	Ll.	-0.13	+5.7
	B.	-0.13	+2.4		R.	-0.65	+1.3		R.	-0.23	+1.4
1518	R.	-0.78	-1.1	1558	R.	-0.52	-3.4	1586	B.	+0.19	+3.8
1521	Ll.	-0.21	+3.6	1559	R.	-0.21	-1.5	1587	Ll.	-0.36	+29.7
	R.	-0.20	-1.4	1560	B.	+0.61	+0.7	1588	B.	-0.48	-5.0
1523	B.	+0.07	+4.2	1562	Ll.	+0.15	+0.6	1592	B.	-0.78	-1.8
1524	B.	+0.23	-5.8		B.	+0.66	+1.7	1594	B.	+0.24	0.0
	R.	+0.08	-0.9		R.	-0.07	+1.1	1595	Ll.	-0.34	+5.4
1525	B.	+0.64	+4.0	1563	R.	-0.81	-3.3		B.	+0.09	+1.0
	R.	-0.32	+3.4	1567	B.	-0.16	-3.5		R.	+0.04	+1.6
1527	R.	-0.58	-0.2	1569	Ll.	-0.12	+6.0	1598	B.	+0.03	+1.4

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
1599	B.	+0.16	+0.5	1638	R.	-0.31	-3.4	1672	R.	-0.13	+1.4
1600	B	+0.09	-4.3	1640	R.	-0.23	+1.9	1674	B.	+0.05	-4.0
1602	B.	-0.16	-0.7	1641	Ll.	-0.63	+3.6	1678	Ll.	-0.40	+4.5
1603	B.	-0.54	-1.2		B.	-0.26	-1.0		B.	-0.30	+1.5
1606	R.	-0.52	-8.0	1643	Ll.	+0.97	+1.0		R.	-0.21	+3.2
1609	B.	+0.24	+5.1		R.	-0.34	+3.2	1679	B.	-0.02	-1.5
1612	Ll.	0.00	+5.3	1644	B.	-0.08	-0.7		R.	-0.27	-8.8
	R.	-0.15	+1.1	1645	R.	-0.35	+1.2	1686	B.	-0.12	+4.8
1615	B.	-0.09	-12.0	1647	R.	-0.08	+1.4	1688	Ll.	+0.09	+5.4
1616	Ll.	-0.37	-2.6	1649	R.	-0.45	+1.5		B.	-0.31	+2.6
	B.	+0.01	-3.6	1650	B.	-0.17	-7.5		R.	-0.17	+2.5
	R.	-0.65	-3.6	1651	B.	+0.14	+1.6	1689	Ll.	+0.36	+9.7
1618	R.	-0.22	+7.6	1656	Ll.	-0.19	-2.9		B.	+0.37	+3.1
1619	Ll.	-0.31	+2.7		B.	+0.07	-0.1	1690	B.	-0.25	+0.6
	R.	-0.40	-0.7		R.	-0.19	+0.3	1691	R.	-0.70	+2.5
1621	Ll.	-0.45	+1.7	1657	Ll.	-0.42	+12.5	1692	R.	+0.03	+0.1
	B.	-0.20	+0.7		R.	-0.24	+3.5	1695	B.	+0.25	+0.4
	R.	-0.61	-3.2	1658	R.	-0.50	-5.1	1696	R.	-0.58	-3.1
1623	B.	+0.22	-0.5	1662	B.	-0.31	-4.7	1698	B.	-0.04	-1.1
1626	Ll.	-0.38	+31.9	1664	Ll.	-0.10	+7.0		R.	-0.29	-2.8
	R.	-0.59	-0.7		B.	+0.41	+5.9	1699	R.	-0.92	-3.1
1628	B.	-0.07	-0.8		R.	-0.18	+2.8	1700	R.	-0.28	—
	R.	-0.24	+3.0	1665	B.	+0.04	+2.1	1702	Ll.	-0.36	-2.4
1629	Ll.	-0.29	-9.3	1666	B.	-0.53	-2.0		B.	-0.39	-6.6
	B.	-0.18	-6.2	1667	B.	+0.38	+0.2		R.	-0.60	-2.6
	R.	-0.22	-4.1	1668	Ll.	-0.19	+8.0	1703	B.	-0.45	+3.8
1631	B.	+0.05	-0.5		B.	+0.28	-3.5	1704	Ll.	-0.19	+0.9
1635	R.	-0.10	+1.9		R.	-0.04	-1.8		B.	+0.05	-2.2
1636	Ll.	-0.42	+0.5	1669	B.	+0.17	+0.2		R.	-0.44	+0.6
1637	B.	+0.40	+0.6	1672	Ll.	-0.32	+3.2	1705	B.	-0.58	+0.4
	R.	-0.29	-0.8		B.	-0.27	+1.8	1706	R.	-1.15	-2.8

+15° +21°

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
1709	R.	-0.″33	+2.″0	1762	B.	-0.″30	-0.″5	1793	R.	-0.″72	-1.″4
1714	B.	-0.28	+1.0		R.	-0.38	-0.1	1794	R.	-0.68	-0.4
1715	B.	+0.40	-8.2	1763	B.	-0.22	-4.3	1796	B.	+0.97	+3.5
1716	B.	-0.35	-3.3	1764	B.	+0.51	+5.0	1797	B.	+0.92	+0.1
1717	Ll.	-0.06	+1.2	1765	B.	-0.21	+0.6		R.	-0.10	+2.7
	B.	-0.08	-2.5		R.	-0.50	+0.8	1798	R.	-0.42	-1.6
	R.	-0.15	-0.1	1768	Ll.	-0.52	-2.7	1799	B.	-1.08	+0.2
1718	B.	-0.36	-1.2		B.	-0.16	+0.5	1801	B.	-0.13	-2.6
1720	B.	-0.18	+1.0	1771	B.	-0.36	+3.7		R.	-0.56	+2.0
1724	R.	-0.48	+0.3	1772	B.	+0.33	-6.6	1802	B	-0.34	+1.8
1725	Ll.	-0.86	-3.3	1774	Ll.	-0.32	+8.2	1803	B.	+0.25	+0.8
	B.	-0.62	-5.5		B.	-0.21	-4.2	1805	R.	-0.15	+1.0
	R.	-0.50	+7.2		R.	-0.41	-0.9	1806	R.	-0.32	+2.0
1726	Ll.	-0.13	+8.7	1775	Ll.	-0.64	+7.0	1807	B.	-0.16	-5.3
	B.	-0.07	+2.6		B.	-0.20	-4.1	1808	B.	-0.93	—
1728	Ll.	-0.44	-2.1	1776	Ll.	-0.85	+13.2	1809	B.	-0.36	-0.6
	B.	-0.40	-4.3		B.	-0.35	-1.2	1812	B.	-0.74	+4.5
1734	B.	-0.45	-4.0		R.	-0.62	+0.7	1814	R	-0.78	+0.9
1735	B.	+0.17	+1.5	1780	B.	-0.37	-3.5	1817	B.	-0.42	-4.8
1738	Ll	-0.88	-0.7	1782	B.	+0.35	-2.4	1818	B.	-0.09	+1.3
1741	B.	-1.76	-2.0		R.	-0.41	+1.5		R.	-0.41	+1.1
1743	Ll.	-0.07	-1.6	1783	B.	-0.39	-2.4			+21° bis +24°	
1745	Ll.	-0.16	+8.0	1784	B.	-0.15	-2.5				
	B.	-0.68	-0.7		R.	-0.60	-3.9	3	B.	-0.38	-0.2
1746	B.	-0.23	-2.5	1786	B.	-0.20	-1.6	11	Ll.	-0.35	+2.0
1752	B.	-0.27	-0.6		R.	-0.68	-3.3		B.	+0.12	-1.1
1754	B.	+0.18	-5.3	1788	B.	-0.36	-4.9	17	B.	+0.21	+2.3
1755	Ll.	-1.29	+1.2	1789	Ll.	-0.29	+3.8	18	Ll.	-0.43	+5.5
	B.	-0.57	-2.3		B.	-0.78	-2.2	24	Ll.	-0.19	+5.6
1758	B.	-0.39	+1.1		R.	-0.60	-0.9		B.	-0.08	+2.0
	R.	-0.50	+2.2	1790	R.	-0.62	-1.4	26	B.	-0.45	+0.6

+21° +24°

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
26	R.	-0.″29	+0.″9	65	Ll.	-0.″48	-0.″4	120	Ll.	-0.″46	+6.″1
27	Ll.	-0.46	-0.7	68	Ll.	-0.75	-4.6		B.	-0.29	-2.1
	R.	-0.25	-0.6		B.	-0.31	-0.7	122	B.	+0.10	-2.8
29	B.	+0.05	+1.9	71	B.	+0.07	-2.5	125	Ll.	0.00	+10.7
31	Ll.	-1.03	+15.6	73	Ll.	-0.25	+4.9		B.	+0.05	-1.4
	R.	-0.19	+1.4		B.	+0.12	-0.2	128	Ll.	-0.64	+28.7
32	R.	-0.30	-0.8	76	B.	-0.24	-1.4		B.	-1.05	+6.6
35	Ll.	-0.43	+1.9	77	Ll.	-0.20	+4.1	131	B.	-0.29	+1.9
37	Ll.	-0.55	-4.9		B.	-0.22	-1.4	132	B.	+0.08	-1.3
	B.	+0.10	-3.2	78	Ll.	-0.45	+2.2	133	Ll.	-0.55	+4.1
40	B.	+0.28	-0.1		B.	+0.03	+2.1	134	B.	+0.09	-4.4
41	Ll.	-0.05	+1.7	79	B.	-0.06	0.0	135	Ll.	-0.78	+3.5
	B.	-0.12	-5.7	82	R.	-0.36	-3.9	136	Ll.	-0.44	+2.1
43	Ll.	-0.44	+5.4	86	Ll.	-1.71	+5.3	139	B.	0.00	+1.1
49	Ll.	-2.69	+11.9	90	B.	+0.56	+1.4	140	B.	+0.20	+3.1
	B.	-0.63	+2.5	91	Ll.	+0.23	+3.0	141	Ll.	-0.12	+3.2
52	B.	0.00	+1.9		R.	-0.23	-0.6		B.	-0.66	+0.8
53	Ll.	-0.27	+0.8	94	R.	-0.23	-2.7	142	Ll.	-0.35	+6.9
54	Ll.	-0.92	-0.6	97	B.	+0.33	-0.1		B.	-0.21	+2.3
	B.	+0.02	-1.7	100	Ll.	-0.38	-4.1	144	Ll.	-0.68	+3.3
	R.	-0.17	—		R.	-0.35	+0.1		B.	-0.16	-0.7
56	Ll.	-0.62	+0.1	102	B.	+1.02	-4.5	148	Ll.	-0.15	+4.5
58	R.	-0.58	-1.3	103	Ll.	+0.21	-1.5		B.	+0.66	-2.1
59	B.	+0.15	-6.5		B.	+1.07	-2.9	152	Ll.	-0.10	+8.1
60	Ll.	-0.34	+1.1	106	Ll.	-0.24	+2.6		B.	+0.17	+0.2
	B.	+0.01	+1.0		B.	+0.13	-1.2	155	B.	-0.07	-0.5
61	Ll.	-0.20	-1.1		R.	-0.18	-1.5	157	Ll.	-0.10	+11.1
	B.	+0.10	-5.7	110	B.	-0.15	-3.2		B.	+0.29	+0.7
63	Ll.	-0.05	+2.0	112	Ll.	-0.19	+7.5	160	Ll.	-0.83	+2.5
	B.	+0.06	-3.6	113	Ll.	-0.40	+1,9		B.	+0.21	+4.5
64	B.	-0.20	—		B.	+0.02	-5.5		R.	-0.88	+2.8

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		"	"			"	"			"	"
162	Ll.	-0.18	-1.4	189	Ll.	-0.10	-0.8	223	B.	-0.71	-2.6
	B.	+0.19	+1.1		B.	+0.13	+0.4		R.	-0.61	-2.1
163	B.	+0.35	+1.1		R.	+0.07	-1.9	224	Ll.	-0.91	+0.4
167	Ll.	+0.01	+0.7	190	Ll.	-0.31	+0.8	226	R.	-1.47	-4.2
	B.	+1.05	+0.1		R.	+0.05	-0.4	228	Ll.	-0.76	-3.0
170	Ll.	+0.17	-0.2	192	B.	+0.10	+1.3		B.	-0.49	-3.5
	B.	-0.05	+4.2	193	Ll	-0.10	+5.3	232	Ll.	-0.95	-2.1
	R.	-0.20	-0.3		B.	-0.01	-4.2		B.	-0 70	-2.4
172	B.	-0.15	+0.2		R.	-0.18	+0.2	233	R.	-0.64	-0.4
173	Ll.	-0.39	+13.6	196	Ll.	-0.29	+2.2	235	Ll.	-0.77	-2.8
	B.	-0.24	-2.5		R.	-0.27	-0.9	236	B.	-0.10	+0.8
174	Ll.	-0.53	+4.7	197	Ll.	-0.52	+1.9	237	B.	+1.61	-38.1
	B.	-0.38	+0.2		B.	+0.04	+1.7	238	B	+1.12	-4.2
	R.	-0.45	+1.6	201	Ll.	-1.14	+3.0	240	Ll.	-0.82	+0.5
175	B.	-0.28	-2.7		B	-0.85	+2.7	241	Ll.	-0.60	-2.4
176	Ll.	+0.38	+6.1		R.	-0.30	+0.2		B.	-0.55	-0.3
	B.	+0.60	+0.1	205	B.	-0.22	+0.7	242	B.	-0.21	+3.1
	R.	+0.74	-0.9	207	B.	+2.45	+2.0	245	Ll.	-0.44	-1.3
177	Ll.	-0.03	+6.1	208	B.	-0.22	+1.5	249	Ll.	-0.82	-3.3
	B.	+0.45	-3.3	215	B.	-0.43	-0.9	251	Ll.	-0.49	+4.5
	R.	+0.33	-0.9	216	B.	-0.26	+0.1	252	Ll.	-0.80	-6.1
178	B.	+0.12	-4.8	218	Ll.	-1.14	+0.5	254	Ll.	-0.44	+0.1
	R.	+0.03	+0.9		R.	-0.26	-4.1	257	Ll.	-0.76	-7.3
179	Ll.	-0.18	+4.8	219	Ll.	-0.07	+1.3		B.	-0.76	-6.1
	B.	+0.71	+0.2		R.	-0.19	+1.2	258	Ll.	-0.28	-5.8
181	Ll.	-0.22	+2.6	220	Ll.	-0.55	-0.3		B.	-0.36	-4.4
	B.	-1.53	+3.5		R.	-0.87	+2.4	264	R.	-0.28	-4.4
	R.	-0.39	-0.8	221	Ll.	+0.54	-4.3	265	Ll.	-0.83	+17.8
182	R.	-0.02	+2.9		R.	+0.34	-3.5		B.	-0.32	+5.7
183	Ll.	+0.04	-3.2	222	Ll.	-1.24	-8.8		R.	-0.47	-0.7
187	B.	+0.04	+4.4	223	Ll.	-0.75	-2.5	266	B.	-0.37	+10.0

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		"	"			"	"				
266	R.	-0.19	+8.5	314	B.	-0.11	+3.0	345	B.	-0.08	-2.5
268	Ll.	-0.42	-3.4	315	B.	-0.12	+33.0	346	Ll.	-0.36	+8.4
	B.	-0.23	+3.0	317	Ll.	-0.79	-11.2		R.	-0.44	+1.8
269	Ll.	-0.29	+1.7		B.	+0.52	-3.8	347	Ll.	-0.74	+8.0
	B.	-0.17	+3.2	318	Ll.	-0.49	+21.2		B.	-0.12	+3.5
274	Ll.	+0.06	-0.4		B.	-0.30	+15.9		R.	+0.29	+3.3
275	Ll.	+0.35	+5.2	319	Ll.	-0.45	-2.7	349	Ll.	+0.10	+6.3
	B.	-0.95	+3.4		B.	-0.28	-0.9		R.	+0.33	+0.8
	R.	-0.05	+56.3	320	Ll.	-0.29	-2.2	352	B.	+0.44	-0.6
276	Ll.	-1.20	+4.7	321	B.	-0.21	+2.9		R.	+0.31	-1.7
277	Ll.	+0.46	+1.0	322	B.	-0.21	+1.1	353	Ll.	+0.67	-2.8
	B.	-0.02	-2.3	323	B.	-0.52	+3.8		B.	+0.08	+3.5
	R.	-0.34	-1.2	324	B.	+0.64	-2.2		R.	+0.04	-0.1
278	Ll.	-0.27	+2.7	325	B.	-0.25	+0.8	354	Ll.	-0.13	+4.6
	B.	-0.30	+0.4		R.	-0.42	+1.1		B.	+0.37	-0.3
280	Ll.	-0.10	+0.1	327	B.	-0.25	-5.4		R.	-0.02	-2.9
281	Ll.	+0.05	+3.6	328	B.	+0.21	+0.1	356	B.	+0.45	+1.5
283	B.	-0.56	-4.3	330	B.	-0.16	+2.8	357	B.	+1.07	+3.8
284	Ll.	-0.56	+9.2	331	B.	-0.45	-2.2	358	B.	+0.38	+2.3
	B.	-0.37	+4.0	332	B.	-0.43	-0.7	359	B.	+0.80	+2.3
289	B.	-0.22	+3.2	333	B.	+0.09	+4.2	360	B.	+0.13	+2.0
290	B.	-0.37	+2.2	334	B.	-0.02	+0.8	361	B.	+0.14	+4.9
301	B.	-0.23	-5.4	335	B.	+0.01	+11.1		R.	-0.80	+1.9
302	Ll.	-0.25	+9.3	337	B.	-0.37	-8.3	362	B.	+0.23	-5.2
	B.	+0.01	+1.3	339	B.	-0.07	-2.0	363	Ll.	+0.37	+5.8
305	Ll.	-0.13	+6.7	340	B.	+0.46	+0.4		B.	+0.13	+0.4
311	Ll.	-0.73	+9.7		R.	+0.46	+8.2	364	Ll.	+0.58	+8.0
312	Ll.	-0.49	-8.9	341	B.	+0.23	-6.1	365	Ll.	+0.26	+4.9
	B.	-0.19	+0.8		R.	+0.03	-[illegible].9		B.	+0.40	+4.4
313	Ll.	-0.51	-7.2	342	B.	+0.16	+4.7	366	B.	+0.33	+2.3
	B.	-1.06	-2.1	344	B.	-0.44	+5.9	367	B.	+0.48	+2.2

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
368	B.	+0.49	+7.0	397	B.	+0.04	-1.3	430	R.	-0.40	-2.4
369	B.	+0.33	+2.8		R.	+0.04	-1.3	433	B.	-0.04	-7.9
370	B.	+0.17	+2.4	398	B.	-0.29	-2.4	435	Ll.	-1.16	+2.4
371	Ll.	-0.24	+3.7	399	B.	+0.07	-0.1		B.	+0.11	-0.9
	B.	-0.14	+0.4	404	B.	+0.16	+0.2		R.	-0.22	0.0
	R.	-0.14	+1.7	405	B.	+0.20	-0.5	436	Ll.	-0.34	+3.6
372	Ll.	-0.37	+3.7		R.	+0.23	-3.6		B.	-0.26	-4.8
	B.	+0.24	+3.8	406	B.	-0.09	0.0	437	B.	+0.24	-1.0
	R.	+0.18	-0.1		R.	-0.43	-1.7		R.	+0.03	+1.8
373	Ll.	+0.32	-18.2	407	B.	+0.25	-3.0	438	Ll.	-0.16	+4.2
	R.	+0.40	+0.9	408	B.	+0.16	-9.2		B.	+0.02	-1.9
374	Ll.	-0.29	+8.2	410	B.	+0.17	+3.3		R.	-0.21	-2.0
	B.	+0.64	+25.4	413	R.	-0.31	-3.0	441	B.	+0.19	-3.4
	R.	+0.11	+20.9	414	Ll.	-0.06	-2.9	442	B.	-0.13	-1.8
376	R.	+0.24	+10.8		R.	-0.41	-1.9	443	B.	-0.59	-7.5
377	R.	+0.25	+0.7	415	Ll.	-0.35	+9.1		R.	-0.83	-4.9
384	B.	+0.31	+0.1		B.	-0.02	+0.5	444	B.	-0.15	-4.5
387	B.	-0.49	+4.5	418	Ll.	+0.27	-1.0		R.	-0.48	-1.5
	R.	-0.69	+0.6		R.	-0.25	-1.7	448	B.	+0.10	-1.8
388	B.	-0.52	-7.4	419	Ll.	-0.74	+4.1	451	Ll.	-0.71	+7.1
389	B.	-0.23	-0.7		B.	-0.55	-3.2		B.	-0.09	-5.7
	R.	-0.39	-1.5	422	Ll.	-0.86	+1.3		R.	-0.35	-4.8
391	B.	+0.39	-1.2		B.	-0.52	-5.5	452	B.	-0.20	-4.2
	R.	-0.14	-4.0		R.	-0.41	-4.3	453	R.	+0.23	-1.8
392	R.	-0.82	-0.7	423	B.	-0.23	-0.8	457	B.	-0.26	-0.6
395	Ll.	-0.56	+8.8		R.	-0.97	-0.9	458	B.	-0.25	-3.7
	B.	-0.06	+2.7	427	B.	-0.18	-0.2	461	Ll.	-0.36	+5.5
	R.	-0.44	+0.6		R.	+0.05	-0.2	462	B.	-0.07	-3.5
396	B.	-0.22	-7.0	428	B.	-0.12	+0.4	463	Ll.	-0.63	+2.5
	R.	-0.16	—		R.	-0.25	-1.3		B.	-0.35	-4.7
397	Ll.	-0.33	+5.8	430	Ll.	-0.54	+7.5	464	Ll.	-0.59	+5.4

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
464	B.	+0.21	-4.5	500	Ll.	-0.74	+3.1	537	R.	-0.38	-0.4
465	B.	-0.03	-2.8		B.	-0.46	+1.7	538	Ll.	-0.51	+0.9
466	Ll.	-0.97	-0.6		R.	-0.49	-2.0		B.	-0.09	-9.3
	B.	+0.11	-3.9	503	B.	+0.02	+0.1		R.	+0.04	-9.1
473	B.	-0.03	-0.3	505	B.	+0.08	-1.2	539	B.	+0.05	-4.5
477	B.	-0.19	-5.9	508	B.	-0.30	-3.7		R.	+0.16	-2.9
478	B.	+0.06	-5.4	511	B.	-0.08	+0.5	541	B.	+0.06	-4.4
480	B.	+0.13	-3.3		R.	-0.31	-0.8		R.	-0.26	-3.3
481	B.	-0.84	+5.3	512	B.	-0.02	-3.9	543	R.	-0.36	-2.1
	R.	-0.41	-4.3	514	B.	-0.41	-5.3	546	Ll.	-0.25	+2.2
482	Ll.	-0.14	+0.3		R.	-0.37	-0.8		B.	-0.10	-2.1
	B.	-0.18	-2.4	515	Ll.	-0.31	+2.8	549	Ll.	-0.38	+3.0
483	Ll.	-0.41	+3.3		B.	+0.06	+8.2		B.	-0.02	+0.8
	B.	-0.85	+4.7		R.	0.00	-2.0		R.	-0.27	-5.6
	R.	-0.51	-3.2	516	B.	+0.02	-3.7	550	R.	-0.36	+53.4
485	Ll.	-1.18	-26.5	520	Ll.	-0.20	+5.1	551	B.	+0.04	-4.8
486	Ll.	-0.70	+2.8		B.	-0.28	-1.2	553	Ll.	-0.26	+5.9
	B.	+0.01	+2.1	522	R.	-0.42	-0.2		B.	+0.10	-2.5
489	B.	-0.07	-0.6	526	Ll.	+0.31	+2.9		R.	-0.26	-2.8
491	R.	-0.57	-8.0		R.	-0.13	-4.9	554	Ll.	-0.92	+4.1
492	Ll.	-0.41	+6.8	528	R.	-0.22	-0.9		B.	+0.14	+3.5
	B.	-0.05	+0.6	530	B.	+0.20	-7.1	555	Ll.	-0.70	+3.3
494	B.	-0.07	+7.4	531	B.	+0.10	-5.2		B.	-0.26	-1.7
495	Ll.	-0.08	+4.5	532	Ll.	-0.97	-0.8		R.	-0.57	-1.2
	B.	+0.23	+1.0		B.	-0.15	-5.2	558	Ll.	+0.03	+2.8
497	Ll.	-0.68	+2.0		R.	-0.23	-3.3		B.	+0.38	+5.3
	B.	+0.08	-0.3	533	B.	+0.83	-1.0	560	B.	+0.37	-6.1
	R.	+0.10	-0.8		R.	-0.36	-5.2	561	B.	+0.15	-0.6
499	B.	+0.10	+4.9	535	B.	-0.27	+1.9	563	Ll.	-0.13	-6.9
	R.	-0.04	+1.2	536	B.	+0.06	-3.0		B.	-0.07	+1.2
499	B.	-0.13	+0.9	537	B.	+0.42	+1.5	564	Ll.	-0.15	+1.0

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		"	"			"	"			"	"
566	B.	-0.27	-3.8	607	B.	-0.12	-5.0	26	Ll.	+0.09	-5.3
567	B.	+0.73	-3.8		R.	-0.24	-3.0	27	Ll.	-0.32	-6.8
569	Ll.	-0.62	+3.3	610	B.	+0.10	-4.4	31	Ll.	+0.02	-5.4
	B.	-0.15	-2.2	612	B.	-0.18	-0.6	32	Ll.	-1.37	-0.6
	R.	-0.22	-2.7	613	Ll.	-0.66	+2.2	34	Ll.	+0.23	+2.7
570	B.	+0.03	-0.4		B.	-0.12	-3.9	36	Ll.	-0.39	+2.4
571	B.	-0.02	-2.9	617	B.	-0.37	-4.4		B.	-0.33	-0.8
574	Ll.	-0.24	+3.1	620	R.	-0.37	-1.1	41	Ll.	-0.27	-9.1
	B.	+0.07	-5.9	621	B.	+0.32	+1.5	44	B.	+0.35	-4.1
	R.	-0.17	-3.3	622	Ll.	-1.24	-5.3	45	Ll.	-0.11	+3.3
575	B.	+0.90	-4.6		B.	+0.21	-4.3	46	B.	-0.02	-5.3
576	B.	-0.18	-1.9	623	Ll.	-0.58	+3.8	48	Ll.	-0.15	-4.1
580	Ll.	-0.21	+0.6		B.	+0.13	-4.9	49	Ll.	-0.47	+2.1
	B.	+0.02	-2.4	625	B.	-0.17	-2.0	51	Ll.	-0.12	-10.7
584	B.	-0.09	-3.7	628	B.	+0.24	-0.4	52	Ll.	-0.25	-7.1
586	B.	+0.09	-4.2	629	B.	-0.02	+0.7	54	B.	+0.35	-1.2
588	B.	+0.31	-1.9			-15° bis -21°		57	Ll.	-0.41	-4.7
	R.	-0.41	-1.5					61	Ll.	-0.10	-6.6
589	B.	-0.27	-1.8	1	Ll.	+0.49	+9.3	67	B.	-0.57	-3.3
592	Ll.	-0.28	+2.8	2	B.	+0.01	+0.4	68	Ll.	-0.15	-4.9
	B.	-0.24	+2.4	3	Ll.	-1.36	-3.9		B.	+0.01	-9.5
594	B.	+0.08	-5.5	4	Ll.	-0.20	-0.8	80	Ll.	-0.24	+10.8
597	B.	+0.48	+3.3		B.	+0.22	+1.1	81	Ll.	-0.36	+1.5
600	R.	-0.04	-4.3	8	B.	+0.29	+0.5		B.	-0.24	-3.7
601	B.	-0.07	-1.9	9	Ll.	-0.68	-18.5	85	B.	-0.66	-1.3
604	Ll.	-0.11	+5.2	10	Ll.	-0.99	+3.0	86	B.	-0.19	-6.6
	B.	+0.32	-4.4		R.	-0.01	+1.3	87	Ll.	-0.12	-0.5
	R.	+0.12	-0.2	16	B.	-0.25	+2.7	93	B.	-0.02	-2.2
605	R.	-0.52	+1.3	17	Ll.	+0.06	-6.2	94	Ll.	-0.42	+4.1
606	B.	-0.18	+0.4	22	Ll.	-0.98	-1.8	98	Ll.	+0.01	-3.7
607	Ll.	-1.68	+0.1	24	Ll.	+0.94	-7.4	99	Ll.	-0.41	+1.0

-15° -21°

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		"	"			"	"			"	"
103	B.	-0.22	-13.9	164	Ll.	+0.04	+0.5	233	Ll.	-0.12	+3.0
104	Ll.	+0.29	-0.3	170	Ll.	-0.55	-3.9		R.	-0.29	0.0
	B.	+0.43	-6.3	171	Ll.	-0.51	-2.4	234	Ll.	+0.72	+3.3
107	Ll.	-1.05	-17.3	173	B.	+0.10	-0.7		B.	+0.35	+0.4
108	Ll.	-0.48	-3.2	174	Ll.	+0.23	+2.0	236	Ll.	+0.44	+3.8
111	B.	-0.38	-4.5	176	B.	+0.31	-5.6	237	Ll.	+0.46	+3.3
112	Ll.	-0.21	+0.9	178	Ll.	-0.55	+8.9		B.	-0.26	+12.6
113	Ll.	-0.73	-7.6	181	Ll.	-0.08	+2.7	239	B.	-0.19	-1.2
	B.	-0.57	-6.8	182	Ll.	+0.43	-4.2	240	B.	-0.12	0.0
119	Ll.	-0.42	+4.6	183	Ll.	+1.43	-8.4	241	B.	-0.07	-2.4
	B.	-0.06	-3.4	185	Ll.	-0.12	+1.3	242	Ll.	-35.86	+3.8
120	Ll.	-0.41	+5.0		B.	-0.07	-1.1	254	Ll.	-0.14	+8.1
	B.	-0.34	-4.7	186	Ll.	+0.19	-0.8	255	Ll.	-0.39	-6.8
121	Ll.	+0.07	0.0	187	Ll.	-6.68	-2.8	256	Ll.	0.00	-1.1
	B.	-0.15	-5.1		B.	+0.13	-4.5		B.	+0.29	-2.5
125	Ll.	-0.52	+1.3	188	Ll.	-0.35	-3.8	264	Ll.	+0.64	+2.7
132	Ll.	-0.05	+32.7	197	Ll.	-0.17	-0.3	270	Ll.	-0.59	-1.2
	B.	-0.40	-4.3	204	Ll.	-0.15	-7.9	271	Ll.	+0.89	+3.8
133	Ll.	-1.00	-6.4	207	Ll.	-0.48	-1.1		B.	+0.85	-0.8
134	Ll.	-0.57	+3.4		B.	-0.29	-3.1	272	Ll.	-0.55	+5.7
135	Ll.	-1.00	-2.9	208	Ll.	+0.03	-3.8	273	Ll.	-0.71	+6.3
137	Ll.	-0.19	+3.4	209	Ll.	+0.23	+4.3	274	Ll.	-1.16	+2.7
141	B.	-0.09	-0.3		R.	-0.12	+2.6	275	Ll.	-1.46	-8.4
143	B.	-0.64	-6.1	214	Ll.	-0.43	+2.0	278	B.	-0.48	+1.7
144	B.	-0.55	-3.8	215	Ll.	-0.27	+0.1	279	Ll.	-0.26	-1.9
145	B.	-0.82	+30.5		B.	-0.08	+1.8	280	Ll.	+0.67	-3.1
147	B.	-0.40	-6.4	219	Ll.	-0.36	+4.4	281	Ll.	+0.70	-3.3
150	Ll.	+0.10	-4.1	220	Ll.	+0.16	+1.4	283	Ll.	+0.85	+6.0
161	Ll.	+0.10	-4.1	227	Ll.	+0.65	+7.3		B.	+0.38	-1.8
163	Ll.	+0.16	+4.6	228	Ll.	-0.34	-0.7	285	Ll.	+0.35	+1.9
	B.	+0.06	-1.5	229	Ll.	-0.37	+6.4	286	Ll.	+0.03	-3.4

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
287	Ll.	+0.24″	+3.4″	350	R.	+0.02″	-5.8″	407	Ll.	+0.39″	0.0″
	B.	+0.31	-1.7	353	Ll.	+0.54	-1.5	412	Ll.	+0.42	-4.7
290	B.	+0.10	-1.4	354	Ll.	-0.52	-0.3	414	Ll.	+0.01	-5.7
291	Ll.	+0.27	+1.5		R.	-1.43	-0.1	415	Ll.	+0.14	-1.7
292	Ll.	+0.42	+4.8	356	R.	-0.65	+3.9	417	Ll.	-0.13	0.0
293	Ll.	+0.19	+4.5	360	R.	-0.02	-2.6	421	Ll.	+0.22	+7.5
	B.	+0.41	-3.3	363	Ll.	-0.19	+8.3	424	Ll.	+0.13	-2.0
294	B.	+0.45	-6.0	364	Ll.	+0.11	-12.1	425	B.	+0.17	0.0
297	Ll.	+0.59	-2.3	365	Ll.	-0.31	+4.6	428	Ll.	-0.04	-0.9
	B.	+0.68	-3.9	366	Ll.	+0.49	+1.9	433	B.	+0.98	-0.7
298	B.	+0.29	-5.1	367	Ll.	-0.96	+2.2	435	Ll.	-1.22	-2.3
299	Ll.	+0.55	-5.7	370	Ll.	-0.03	-4.5	438	Ll.	+0.07	-5.6
301	B.	+0.30	-10.2	372	Ll.	+0.15	+3.3	440	Ll.	+0.30	+11.7
307	B.	+0.17	-4.2		R.	-0.16	-3.1	441	Ll.	+0.46	-1.3
314	B.	+0.12	-3.0	375	Ll.	+0.76	-9.1	442	Ll.	+0.19	+2.1
315	B.	+0.35	-4.1		R.	+0.15	-1.3	443	Ll.	-0.28	+9.7
321	Ll.	+0.59	+1.1	377	Ll.	+0.13	+12.9	445	Ll.	-0.12	-2.6
	B.	+0.77	-3.7		B.	+0.37	-1.6	448	Ll.	+0.22	+4.5
327	Ll.	+0.66	+4.3	378	Ll.	+0.55	-2.3	449	Ll.	+0.01	-1.5
328	Ll.	-0.08	-0.1	381	Ll.	+0.38	+5.0	455	Ll.	-0.07	+8.8
330	Ll.	-0.27	—	389	Ll.	+0.57	-1.0	456	Ll.	-0.26	-4.5
334	B.	+0.07	-3.1		R.	+0.46	-3.3	457	Ll.	+0.06	-0.9
340	Ll.	-0.06	+1.3	390	Ll.	+0.33	-0.6	459	Ll.	+0.28	-1.1
341	Ll.	+0.21	+5.8	394	Ll.	+0.24	+0.8	462	Ll.	-0.07	-1.8
	B.	-0.17	-4.4	396	Ll.	+0.41	-11.1	463	Ll.	+0.59	-12.0
342	Ll.	+0.32	-1.7	397	Ll.	+0.13	+0.9	464	Ll.	+0.18	-4.0
343	Ll.	-0.35	-4.5	400	Ll.	+0.18	+10.6	465	Ll.	+0.10	-0.9
	B.	+0.52	+1.0	402	Ll.	+0.01	+10.7	468	Ll.	+0.20	-0.1
347	B.	-0.17	-4.8	403	Ll.	-0.12	+90.1		R.	+0.35	-6.8
348	B.	+0.10	+0.8	404	Ll.	-0.28	+6.6	471	Ll.	+0.11	-4.5
350	Ll.	+0.02	+3.4	405	Ll.	-0.41	+3.8	475	Ll.	+0.46	+10.1

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
478	Ll.	-0.56	-0.3	556	Ll.	-0.36	+2.8	619	Ll.	-0.03	+11.4
480	Ll	+0.88	-0.3	557	Ll.	+0.65	+8.6	621	Ll.	+0.23	+5.4
481	Ll.	-0.09	+5.2	562	Ll.	-0.17	+6.1	623	Ll.	-0.08	+12.2
485	Ll.	+0.18	+1.2		R.	-0.11	+0.9	625	Ll.	+0.14	+9.8
486	Ll.	-0.27	+4.3	563	Ll.	+0.26	+3.2	627	Ll.	+0.03	+4.7
487	Ll.	+0.23	+2.9	564	Ll.	+0.39	-3.9	629	Ll	+0.16	+10.8
488	Ll.	+0.21	+5.0		B.	+0.11	-6.7	630	Ll.	+0.15	+6.5
491	B.	+0.01	-2.6	565	Ll.	+0.36	-6.7	631	Ll.	-0.13	+7.2
495	Ll.	+0.44	-3.0	569	Ll.	-0.30	+6.9	640	Ll.	+0.29	-10.8
498	Ll.	+0.46	+2.3	571	Ll.	+0.16	-1.4	642	Ll.	+0.15	+6.2
499	Ll.	+0.18	-3.4	572	Ll.	+0.04	-1.3	648	Ll.	+0.20	-6.0
501	B.	-0.06	+4.4	575	Ll.	+0.24	+16.9		B.	+0.13	-2.7
502	B.	+0.50	-11.3	576	Ll.	+0.39	+7.3	654	Ll.	+0.24	+2.1
505	Ll.	+0.40	+3.7	578	Ll.	-0.04	-1.9	661	Ll.	-0.05	+12.8
506	Ll.	+0.74	-0.8	587	Ll.	+0.27	+3.5	663	Ll.	-0.11	-4.5
513	Ll.	-0.17	-0.3	589	Ll.	+0.52	+6.8	669	Ll.	+0.40	-7.3
515	Ll.	-0.45	+2.0	590	Ll.	+0.94	-5.5	671	Ll.	+0.42	-1.6
521	B.	-1.17	-5.3		B.	+0.29	-4.4	678	Ll.	-0.33	+3.8
523	Ll.	+0.22	+1.2	591	Ll.	-0.07	-4.1	684	B.	0 00	-3.4
527	Ll.	-0.09	+9.0		B.	-0.58	-2.9	685	B.	+0.09	-0.1
530	Ll.	+0.50	+5.1	595	Ll.	+0.09	+4.5	689	Ll.	+0.13	+5.8
531	Ll.	-0.01	-1.2	596	Ll.	-0.71	+3.0	691	Ll.	+0.07	+1.9
537	Ll.	+0.36	+2.1	600	Ll.	0.00	-5.5	693	Ll.	+0.14	+6.9
542	Ll.	+0.24	+2.6	601	Ll.	-0.06	-0.3	698	Ll.	-0.17	-11.0
544	Ll.	0.00	-0.5	602	Ll.	-0.11	+4.7	699	Ll.	+0.22	-1.0
547	Ll.	-0.32	+9.2	609	Ll.	+0.07	+5.5	700	Ll.	+0.14	+3.7
550	Ll.	+0.29	+3.0	610	Ll.	+0.18	+9.3	701	Ll.	-0.12	-5.4
551	Ll.	+0.51	+3.4	611	Ll.	-0.08	+2.2	708	Ll.	-0.59	+9.0
552	Ll	-0.05	0.0	614	Ll.	+1.08	+9.2	709	Ll.	+0.20	+9.7
553	Ll.	+0.36	+ 6.7	615	Ll.	+0.38	+5.8	711	Ll.	+0.41	+12.1
555	Ll.	+0.40	-2.5	616	Ll.	-0.01	+4.5	720	Ll.	-0.47	+4.4

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
721	Ll.	+0.24″	-11.7″	806	Ll.	+0.42″	+7.4″	928	Ll.	+0.12″	+7.2″
722	Ll.	+0.76	-9.9	807	Ll.	-0.10	+1.5	930	Ll.	-0.06	+4.3
724	Ll.	+0.41	+6.5	815	Ll.	+0.38	+6.5	931	Ll.	-0.14	+8.2
725	Ll.	0.00	-15.0	816	Ll.	+0.95	-1.8	932	B.	+0.17	-2.7
727	Ll.	-0.27	+13.0	817	Ll.	+0.40	-8.6	933	Ll.	-0.06	-10.7
729	Ll.	-0.13	+2.9	819	Ll.	+0.38	-11.7	937	Ll.	-0.32	+7.1
730	B.	+0.21	-0.5	821	Ll.	+0.30	+8.9	942	Ll.	-0.31	+14.1
733	Ll.	+0.37	+0.2	823	Ll.	+0.12	+6.4	943	Ll.	+0.11	+3.6
735	Ll.	-0.09	+2.3	826	Ll.	+0.55	+4.7	948	Ll.	-0.23	+6.3
737	Ll.	-0.01	+2.2	831	Ll.	+0.40	+4.5	950	Ll.	-0.04	+5.2
739	Ll.	+0.10	+3.7	841	Ll.	+0.33	+6.3	952	Ll.	+0.42	+2.4
743	Ll.	+0.30	+1.1	843	Ll.	+0.48	+6.1	964	Ll.	-0.32	+5.3
747	Ll.	-0.03	+1.7	849	Ll.	+0.57	-2.8		R.	+0.07	+2.0
	B.	+0.12	-0.9	858	Ll.	+0.33	-1.9	965	Ll.	0.00	+10.3
748	Ll.	+0.12	+0.9	863	Ll.	-0.78	+2.5	971	Ll.	+0.21	-0.1
753	Ll.	+0.44	+7.2	867	R.	-0.01	+4.4		R.	-0.05	-0.7
755	Ll.	+0.33	+6.5	868	Ll.	+0.54	+4.8	977	Ll.	-0.50	+3.3
759	Ll.	+0.43	+9.1	873	Ll.	-0.15	+3.2		R.	-0.34	-4.2
760	Ll.	+0.57	-7.5	883	Ll.	-0.07	+7.7	984	Ll.	+0.25	+3.2
761	Ll.	+0.40	+4.2	884	Ll.	+0.16	+7.2		R.	0.00	+0.5
765	Ll.	+0.74	-7.1	891	Ll.	-0.05	+4.2	991	Ll.	-0.81	+8.3
772	R.	-0.22	-4.0	893	Ll.	-0.09	+4.3	992	Ll.	+0.08	+10.7
774	Ll.	+0.55	-2.1	903	Ll.	+0.41	+4.3	1002	Ll.	+0.33	+6.6
776	Ll.	-0.21	+3.8	907	Ll.	-0.35	+4.8	1024	R.	+0.22	-2.4
778	Ll.	-0.06	+4.6	910	Ll.	+0.45	+13.9	1047	Ll.	-0.20	+4.3
779	Ll.	-0.03	+1.3	914	Ll.	+0.05	+4.6	1048	Ll.	-0.66	-1.0
786	Ll.	+0.24	-2.3	915	Ll.	-0.07	+7.9	1049	Ll.	-0.25	+5.5
789	Ll.	+0.40	+0.3	917	Ll.	-0.19	+4.0	1058	Ll.	+0.17	+9.1
796	Ll.	+0.30	+4.5	921	Ll.	+0.23	-1.8	1059	Ll.	+0.33	+6.3
799	Ll.	-0.03	-0.7	923	Ll.	+0.35	+7.6	1065	Ll.	-0.06	+8.1
804	Ll.	+0.51	+4.0	926	Ll.	-0.24	+10.7	1067	Ll.	+0.18	+11.6

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
1072	Ll.	-0.24	+2.5	1193	R.	+0.04	+0.6	1258	R.	-0.15	-6.3
1079	B.	-0.31	+1.1	1194	Ll.	-0.03	+7.9	1259	Ll.	+0.46	+6.7
1080	Ll.	+0.44	+6.7		R.	+0.08	-9.4	1261	B.	+0.18	-3.5
1087	Ll.	-0.76	+10.8	1196	Ll.	+0.14	+1.8	1263	B.	+0.05	-1.5
1088	Ll.	+0.03	+6.1		R.	+1.52	+8.0	1264	B.	-0.15	-1.8
1090	Ll.	+0.12	+5.0	1197	Ll.	+0.26	+6.9	1270	B.	+0.67	-5.9
1099	Ll.	+0.13	+6.8		R.	-1.08	0.0	1271	Ll.	+0.57	+2.8
1103	Ll.	+0.03	+3.4	1208	Ll.	+0.09	+7.0	1272	B.	-0.41	-4.1
1107	Ll.	+0.15	+11.2		R.	+0.18	+1.9	1274	Ll.	-0.19	-3.8
1121	Ll.	-0.26	+3.9	1211	Ll.	-0.11	-0.3	1280	Ll.	+0.10	+3.2
1125	Ll.	+0.02	+7.8	1213	Ll.	+0.26	+8.0	1281	R.	+0.01	+2.8
1128	Ll.	+0.05	-1.0	1214	Ll.	+0.23	+6.6	1283	Ll.	+0.25	+3.9
1134	Ll.	+0.35	+12.3	1220	Ll.	+0.03	+5.4	1284	Ll.	+0.02	+7.9
1139	Ll.	+0.51	+5.8		R.	-0.05	-0.1	1285	B.	-0.04	-0.2
1144	Ll.	+0.25	+6.8	1221	Ll.	-0.18	+6.2	1288	Ll.	-0.84	+6.0
1149	Ll.	+0.10	+3.2	1222	Ll.	+0.69	+5.8	1291	Ll.	+0.09	+7.4
1158	Ll.	+0.46	+9.5	1227	R.	-0.76	-3.3	1295	R.	-0.14	+5.0
1161	Ll.	-0.15	+5.5	1228	Ll.	-0.13	+4.0	1296	Ll.	-0.06	+11.7
	R.	-0.69	—	1231	Ll.	+0.18	+1.8		R.	+0.13	-0.7
1164	Ll.	+0.26	+1.2	1238	Ll.	+0.19	+2.5	1298	Ll.	+0.16	+2.7
	R.	-0.10	-3.0	1239	Ll.	-0.02	+0.9	1299	Ll.	+0.13	+6.7
1170	Ll.	-0.16	+0.5		B.	-0.58	-9.0	1301	Ll.	-4.54	+8.5
1171	B.	-0.13	+0.1	1241	Ll.	-0.11	-0.2	1302	Ll.	+0.36	+0.3
1173	Ll.	+0.41	+5.4	1242	Ll.	+0.53	+13.8	1305	Ll.	+0.51	+1.6
1174	Ll.	-0.04	+5.7		R.	+0.27	-0.1	1306	Ll.	-0.52	-3.5
1178	Ll.	+0.27	+6.8	1243	B.	+0.32	-4.3	1307	Ll.	+0.26	+2.2
	R.	-0.14	-0.1	1244	Ll.	-0.48	+7.9	1309	R.	-0.21	-3.6
1180	Ll.	+0.27	+8.1	1245	B.	+3.33	+36.0	1310	Ll.	+0.22	+3.4
1182	Ll.	+0.03	+6.5	1246	Ll.	0.00	+24.7	1311	Ll.	-0.44	+3.7
1184	Ll.	+0.28	+3.1	1253	Ll.	+0.33	+2.3	1313	Ll.	-0.03	+1.8
1193	Ll.	+0.34	+8.4	1258	B.	-3.17	-4.8	1317	R.	-0.14	+2.1

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		"	"			"	"			"	"
1319	Ll.	+0.25	+2.0	1361	R.	-0.09	—	1393	Ll.	+0.25	+5.4
	B.	+0.22	-0.5	1362	R.	-0.06	-1.6	1394	R.	-0.45	-3.2
1320	Ll.	+1.50	+5.9	1363	R.	+0.32	-1.9	1396	R.	-0.03	-1.1
1323	Ll.	+0.28	-0.8	1364	Ll.	+0.31	+2.6	1401	Ll.	+0.10	+4.5
	R.	+0.20	-6.0	1366	Ll.	-0.62	+5.8		R.	+0.36	-2.5
1326	Ll.	0.00	+1.7		R.	-0.16	-3.5	1402	Ll.	-0.10	+2.0
1328	Ll.	+0.72	+3.9	1367	R.	+0.15	+0.7		R.	-0.03	-3.3
	R.	+0.15	-1.0	1368	Ll.	+0.08	-1.8	1403	Ll.	+0.91	+8.3
1329	Ll.	-0.12	+12.2	1370	Ll.	-0.49	+23.0	1404	Ll.	-0.94	+18.1
1331	B.	+0.26	-4.8		B.	+0.01	+0.5	1406	Ll.	+0.29	+4.3
1334	Ll.	+0.29	+12.4	1371	R.	+0.96	-3.9	1411	Ll.	+0.28	+4.4
1336	Ll.	+0.52	+7.0	1373	B.	+0.11	-4.9	1413	Ll.	+0.20	+41.8
1337	Ll.	-0.40	+14.1	1374	B.	-0.04	-1.8	1414	Ll.	-0.04	+4.7
1338	Ll.	+1.03	-1.8		R.	+0.05	-1.4		R.	+0.46	+3.2
1340	R.	+0.15	+6.7	1376	B.	-0.24	-1.0	1416	Ll.	-0.01	-0.4
1341	R.	+0.15	+2.4	1378	R.	+0.30	+3.4	1425	R.	+0.50	+8.9
1342	Ll.	+0.22	+0.2	1379	Ll.	+0.17	+2.2	1427	Ll.	+0.22	-4.1
1343	B.	-0.03	-3.0		R.	+0.20	+1.4		R.	-0.04	+0.3
	R.	-0.84	+8.5	1380	Ll.	-0.26	+4.6	1430	Ll.	+0.49	-2.4
1345	Ll.	-0.24	-0.4		R.	0.00	-3.3	1431	Ll.	-0.34	+3.6
	B.	-0.29	-3.8	1381	Ll.	+0.18	+10.8		R.	-0.22	-3.8
1346	Ll.	-0.02	+3.4	1382	Ll.	+0.35	+4.8	1432	R.	+0.31	-6.6
	R.	+0.35	-1.8		R.	+0.23	-1.0	1433	Ll.	-0.24	-0.3
1352	R.	+0.18	-4.1	1384	R.	-0.38	-3.8		B.	+0.28	-2.7
1355	R.	+0.24	-0.2	1385	R.	+0.43	+2.2		R.	-0.11	-5.1
1356	Ll.	-0.11	0.0	1389	Ll.	-0.06	+7.9	1435	R.	+0.22	-1.5
	B.	-0.18	0.0		B.	+0.26	-3.7	1436	Ll.	+0.21	+4.1
	R.	+0.21	-2.9		R.	+0.11	+1.0		R.	+0.28	-6.5
1358	R.	+0.14	+5.8	1390	R.	-0.05	+2.7	1441	Ll.	-0.70	+2.1
1359	R.	-0.39	+0.2	1391	Ll.	-0.55	+4.9		R.	-0.08	-1.8
1360	Ll.	-0.29	-0.5		R.	-0.26	-1.6	1442	B.	+0.73	+0.5

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
1444	Ll.	+0″.30	+7″.2	1480	Ll.	+0″.24	+11″.1	1508	R.	+0″.25	-1″.2
	B.	+0.61	-1.3		B.	+0.53	+1.7	1509	Ll.	+0.98	-2.9
	R.	-0.11	-1.2		R.	+0.12	+3.5		R.	-0.05	+4.1
1445	Ll.	+0.64	-0.6	1481	B.	+0.12	-6.1	1513	Ll.	+0.77	+0.9
1448	Ll.	+0.19	+0.7	1482	Ll.	-0.22	+8.1		R.	-0.06	+1.6
	R.	+0.05	-7.6		R.	-0.17	-1.0	1514	Ll.	+0.64	+0.5
1449	Ll.	+0.46	+5.2	1483	Ll.	-0.09	+4.0	1515	Ll.	+0.17	-1.1
	R.	0.00	-1.0		B.	+0.21	+1.3	1519	Ll.	+0.52	-2.1
1453	Ll.	+0.40	-0.6	1484	B.	+0.13	+2.9	1522	Ll.	-0.02	+13.5
1454	Ll.	+0.20	+5.9	1485	Ll.	+0.16	+4.3	1523	Ll.	+0.79	+7.0
	B.	+0.41	-1.6		B.	-0.11	-8.3		R.	+0.33	-3.0
	R.	-0.06	-1.4	1486	Ll.	-0.54	+4.8	1525	Ll.	+0.23	+4.4
1455	R.	+0.20	+2.5		B.	+0.05	-4.9	1530	Ll.	-0.17	+1.4
1459	R.	+0.33	-2.0	1487	B.	-0.35	-3.0	1533	Ll.	+0.40	+10.4
1460	Ll.	-0.12	+12.5	1488	Ll.	-0.34	+0.7	1537	Ll.	-0.18	+8.3
	R.	+0.01	-1.1	1489	Ll.	-1.13	-3.6	1538	Ll.	+0.34	+9.7
1461	Ll.	-1.40	+18.9	1490	Ll.	-0.80	-3.1	1541	Ll.	-0.11	+7.4
	R.	-0.18	+4.5	1491	Ll.	-0.01	+2.2	1542	Ll.	-0.19	+13.2
1462	B.	+0.31	-6.9	1492	Ll.	+0.35	+3.5	1544	Ll.	-0.23	+4.1
1463	R.	+0.08	-6.2		R.	+0.37	+2.0	1551	Ll.	+0.45	+1.4
1468	Ll.	+0.39	+4.6	1495	Ll.	+0.69	+9.3	1552	Ll.	-0.39	+5.7
	R.	+0.17	-5.2	1497	Ll.	-0.27	+10.1	1554	Ll.	-0.01	+4.0
1469	B.	+0.18	-4.5		B.	+0.55	+9.4	1557	Ll.	+0.53	+2.0
1470	Ll.	+0.49	+2.7	1498	Ll.	+0.30	-6.1	1567	B.	-0.60	-5.7
	R.	-0.34	-9.3		R.	-0.17	-2.8	1568	Ll.	-1.15	+2.7
1471	Ll.	-0.31	+5.3	1500	R.	-0.23	-2.3		B.	-0.67	-5.6
	R.	-0.01	+1.6	1502	Ll.	+0.86	+0.2	1570	Ll.	-0.58	+0.3
1473	Ll.	+0.46	-10.8		R.	+0.28	-6.1		B.	-0.58	-7.7
	R.	+0.09	-10.7	1504	R.	+0.40	+1.9	1572	Ll.	+0.50	-4.3
1474	R.	-0.28	+3.0	1506	Ll.	+0.93	+5.6	1573	Ll.	+0.95	+4.3
1476	Ll.	+0.69	-3.8	1507	R.	-0.06	+1.2	1576	Ll.	-0.60	-0.5

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
1579	Ll.	-0.72	-3.6	18	Ll.	-0.42	+3.8	134	Ll.	-0.25	+6.8
1581	Ll.	-1.36	+19.6	24	Ll.	+0.03	+4.0	136	Ll.	-0.07	+3.2
1582	Ll.	-0.41	-3.7	27	Ll.	-0.05	+1.0	137	Ll.	-0.01	+5.4
1587	Ll.	-0.37	+4.4	33	Ll.	-0.26	+4.3	139	Ll.	+0.46	+4.2
1588	Ll.	-0.41	+5.9	35	Ll.	-0.28	+8.9	140	Ll.	0.00	+6.1
1589	Ll.	+0.46	+3.8	53	Ll.	-0.01	+1.7	143	Ll.	+0.55	+7.8
1591	Ll.	-0.15	+7.6	55	Ll.	+0.28	+5.7	144	Ll.	-0.50	+5.8
1593	Ll.	-0.63	+6.7	65	Ll.	-0.16	+3.4		R.	-0.05	+8.6
	R.	-0.31	+3.3	67	Ll.	-0.15	+5.5	146	Ll.	-0.20	+0.8
1599	Ll.	-0.99	+7.3	75	Ll.	-0.69	+6.8	152	Ll.	-0.32	+11.1
	R.	-0.67	+6.7	77	Ll.	-0.42	+9.8	154	Ll.	-0.25	+12.8
1607	Ll.	-0.24	+9.1	78	Ll.	+0.19	+6.0	157	Ll.	-0.35	+8.0
1609	Ll.	-0.23	+14.5	84	Ll.	-0.45	+3.6		R.	+0.14	0.0
1611	Ll.	+0.02	-0.3	85	Ll.	-0.22	+6.8	162	Ll.	-0.23	+14.2
	R.	-0.03	-8.1	86	Ll.	-0.15	-3.9	167	Ll.	+0.07	+5.3
1612	Ll.	-0.30	+2.3	88	Ll.	-0.14	+3.3	169	Ll.	-0.25	+8.1
	R.	0.00	-0.3	89	Ll.	-0.18	+2.7	174	Ll.	-0.06	+4.6
1613	R.	-0.33	+1.7	93	Ll.	-0.50	+2.4	178	Ll.	-0.30	+1.9
1614	Ll.	+0.04	+6.0	94	Ll.	-0.28	-3.8	182	Ll.	+0.01	+4.7
	B.	-0.12	-4.0	102	Ll.	+0.18	+3.9	192	Ll.	-0.26	+0.4
	R.	-0.18	+2.9	103	Ll.	-0.64	+2.7	194	Ll.	-0.47	+7.2
1620	Ll.	+0.54	+1.3	105	Ll.	+0.39	+5.2		R.	-0.14	-2.2
1261	Ll.	+0.22	+5.7	112	Ll.	+0.65	+3.1	195	Ll.	+0.03	+5.9
		-21° bis -27°		114	Ll.	+0.95	+13.7	199	Ll.	+0.13	+10.9
				116	Ll.	-0.13	+5.1	203	Ll.	+0.07	-2.9
5	Ll.	-0.35	+4.7	124	Ll.	+0.08	+6.6	205	Ll.	-0.32	-0.8
10	Ll.	-0.38	+2.6	127	Ll.	+0.19	+10.2	214	Ll.	+0.32	+7.5
11	Ll.	-0.25	+8.2	128	Ll.	+0.02	+8.7	215	Ll.	+0.48	+5.7
12	Ll.	-0.09	+4.2	129	Ll.	+0.45	+5.2	219	Ll.	-0.14	+4.9
14	Ll.	+0.06	+6.3	130	Ll.	-0.25	+3.6	224	Ll.	+0.01	+14.2
15	Ll.	-0.06	+3.6		R.	-0.06	-2.2		R.	-0.14	+1.5

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
227	Ll.	-0.″11	+15.″1	359	Ll.	+0.″17	+0.″5	484	Ll.	+0.″59	+4.″2
236	R.	-0.38	+3.8	360	Ll.	+0.44	+5.6	487	Ll.	+0.07	+6.1
237	Ll.	-0.29	+0.9	362	Ll.	-0.11	-1.0	489	Ll.	+1.00	+11.0
244	Ll.	+0.19	+3.2	364	Ll.	-0.66	-0.9	491	Ll.	-0.02	+7.6
245	Ll.	-0.25	-3.4	366	Ll.	+0.10	+11.2	496	Ll.	+0.06	-0.6
247	R.	-0.23	+2.2	368	Ll.	+0.57	+15.9	511	Ll.	-0.23	+7.8
248	Ll.	-0.51	+8.9	376	Ll	-0.38	+4.2	519	Ll.	+0.18	+6.5
252	Ll.	-0.86	+6.7	385	Ll.	+0.19	+6.5	526	Ll.	-0.14	+12.3
255	Ll.	-0.55	+10.7	387	Ll.	-1.29	-0.9	527	Ll.	+0.14	+8.5
258	Ll.	+0.32	+10.8	395	Ll.	-0.90	+5.7	529	Ll.	-0.32	+2.0
259	Ll.	-0.36	+11.4	407	Ll.	-0.73	+1.5	531	Ll.	+0.42	+6.4
265	Ll.	-0.01	+7.7	410	Ll.	-0.46	+4.3	535	Ll.	-0.62	+6.8
266	Ll.	+0.41	+10.0	417	Ll.	-0.33	+8.6	536	Ll.	+0.44	+6.5
279	Ll.	-0.44	+8.3	422	Ll.	-0.25	+7.2	540	Ll.	-6.14	+11.5
281	Ll.	-0.73	+12.4	423	Ll.	-0.05	+6.4	541	Ll.	-0.24	+1.6
283	R.	-0.13	+2.1	425	Ll.	+0.34	+6.0	545	Ll.	-0.10	+8.3
292	Ll.	-0.14	+3.7	431	Ll.	+0.08	+16.3	546	Ll.	-0.35	+5.3
294	Ll.	+0.15	+7.2	432	Ll.	+0.30	+1.7	547	Ll.	+0.97	+7.6
295	Ll.	-0.45	+2.9	436	Ll.	-0.22	+12.2	554	Ll.	+0.10	+3.3
297	Ll.	-0.26	+6.1	437	Ll.	+0.89	-17.6	559	Ll.	-0.18	+0.3
298	Ll.	-0.29	+23.0	443	Ll.	+0.82	+17.5	560	Ll.	-0.16	+5.3
314	Ll.	-0.02	+13.0	444	Ll.	-0.52	+6.7	563	Ll.	-0.20	+11.4
315	Ll.	-0.28	+1.7	447	Ll.	-0.11	+9.0	564	Ll.	-0.30	+3.0
317	Ll.	+0.87	+8.8	452	Ll.	+0.02	+11.1	566	Ll.	-0.11	+0.3
320	Ll.	+0.17	+1.0	455	Ll.	+0.43	+7.6	571	Ll.	-1.43	-19.2
	R.	+0.19	-2.8	456	Ll.	-0.20	+5.3	572	Ll.	-0.69	+44.7
339	Ll.	+0.05	+3.1	458	Ll.	+0.19	+3.7	590	Ll.	+0.40	+4.8
	R.	+0.19	-2.8	462	Ll.	-0.26	+8.7	621	Ll.	+0.39	+8.8
353	Ll.	-0.02	+12.2	466	Ll.	+0.22	-8.9	625	Ll.	+0.44	+0.5
354	Ll.	-0.13	+4.4	468	Ll.	-0.03	+4.7	627	Ll.	+0.14	+9.5
355	Ll.	+0.10	+1.2	481	Ll.	+0.53	+4.8	636	Ll.	+0.57	+5.2

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
647	Ll.	-0.35	+1.2	729	Ll.	-0.47	+14.3	824	Ll.	-1.25	+4.5
650	Ll.	+0.33	+1.6		R.	-0.21	+4.4	825	Ll.	-0.65	+10.5
652	Ll.	+0.03	+15.8	730	Ll.	-0.48	+0.3	826	Ll.	-0.79	+10.5
655	Ll.	-0.28	+0.8	731	Ll.	-0.37	+8.3	829	Ll.	-1.03	+14.4
660	Ll.	-0.13	+2.5	732	Ll.	-1.27	+22.7		R.	-0.46	+8.7
662	Ll.	+0.06	+10.0		R.	-0.05	+7.2	831	Ll.	-0.61	+3.5
666	Ll.	+0.29	-1.1	735	Ll.	-1.08	+10.4	834	Ll.	-0.72	+6.0
667	Ll.	+0.07	+0.1		R.	-0.30	+2.4	838	Ll.	-0.55	+10.6
670	Ll.	+0.15	+7.5	736	Ll.	+0.21	+4.5	839	Ll.	-0.70	+9.1
671	Ll.	+0.04	-0.3	738	Ll.	-0.23	+13.3	841	Ll.	-0.32	+4.2
675	Ll.	+0.53	-5.4	741	Ll.	-0.38	+7.4		R.	-1.44	-4.6
	R.	+0.16	-11.0	743	Ll.	+0.63	-2.3	843	R.	+0.37	-11.4
677	Ll.	-0.06	+6.5	746	Ll.	-0.67	-0.4	846	Ll.	+0.07	+8.4
681	Ll.	+0.35	-1.7	748	Ll.	+0.28	-2.5	847	Ll.	0.00	-8.2
682	Ll.	-0.37	-4.6	754	Ll.	+0.15	+3.1		R.	-0.37	-8.6
684	R.	-0.15	+2.3	756	Ll.	-0.33	+9.5	848	Ll.	-0.42	+1.5
686	Ll.	-0.22	+11.0	763	Ll.	-0.03	+14.0	852	Ll.	-0.69	-3.8
687	Ll.	+0.58	+3.2	768	Ll.	+0.02	+14.7	854	Ll.	-0.09	-0.6
688	Ll.	+0.36	+3.8	777	Ll.	-0.06	+15.4	856	Ll.	-0.54	+7.4
690	Ll.	-0.18	-1.9	780	Ll.	+0.05	-58.7	859	Ll.	-0.53	+7.3
694	Ll.	-26.34	-4.7	784	Ll.	+0.23	+9.2	860	Ll.	-0.60	-0.1
	R.	-0.16	-1.9	786	Ll.	+0.35	+2.5		R.	+0.04	-8.0
706	R.	-0.10	+1.5	787	Ll.	+0.26	+3.5	864	Ll.	-0.17	+4.0
709	Ll.	-0.40	+7.6	800	Ll.	-1.07	+1.5	868	Ll.	-0.64	+11.0
711	Ll.	+0.20	+6.3		R.	-0.11	-2.2	869	Ll.	-0.13	-4.0
716	Ll.	-0.05	+3.9	802	Ll.	+0.55	-3.4	870	Ll.	+0.19	+1.7
718	Ll.	+0.05	+4.7	815	Ll.	-0.35	+2.2	871	Ll.	-0.78	+4.9
719	Ll.	+0.10	+8.7		R.	-0.12	-2.4	877	Ll.	-0.69	-2.6
722	Ll.	-0.51	-0.3	817	Ll.	+0.49	+7.7	878	Ll.	+0.34	+0.7
725	Ll.	-0.81	-14.9	819	Ll.	-0.01	+7.5	880	Ll.	-0.22	-8.4
728	Ll.	-0.39	+49.5	823	Ll.	-0.67	+5.0	881	Ll.	-0.64	-1.9

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
882	Ll.	-0.49	-3.3	156	Ll.	-0.18	+10.5	352	Ll.	+0.09	+4.7
883	Ll.	-0.63	-6.1	159	Ll.	+0.10	-1.8	359	Ll.	-0.22	+4.1
885	Ll.	+0.26	+4.6	160	Ll.	-0.34	+8.6	363	Ll.	-0.25	+6.5
887	Ll.	+0.36	+3.2	162	Ll.	-0.31	+8.5	368	Ll.	-0.02	+7.3
891	Ll.	-0.24	+10.6	166	Ll.	+0.14	-3.5	371	Ll.	-0.16	+2.1
892	Ll.	-0.70	+0.1	171	Ll.	+0.31	-2.7	373	Ll.	-0.48	+6.3
893	Ll.	-0.61	+5.7	177	Ll.	-0.33	-0.1	380	Ll.	-0.22	+12.4
896	Ll.	-0.13	+0.1	179	Ll.	-0.43	+26.8	385	Ll.	-0.04	+6.5
902	Ll.	-0.76	+6.5	205	Ll.	-0.06	+9.8	386	Ll.	+0.23	+7.8
				207	Ll.	-0.04	+4.5	387	Ll.	-0.48	+3.6
		-27° bis -33°		209	Ll.	+0.21	+7.6	394	Ll.	-1.61	+15.0
1	Ll.	+0.15	-5.1	211	Ll.	-0.30	+11.9	407	Ll.	-0.17	-2.7
10	Ll.	-0.22	-6.9		R.	-0.26	+0.2	423	Ll.	-0.55	+14.2
17	Ll.	-0.52	+0.5	219	Ll.	-0.66	-1.8	427	Ll.	+0.17	+10.7
	R.	-0.54	-2.4	224	Ll.	-0.65	+3.0	428	Ll.	-1.29	+2.8
24	Ll.	-0.85	-3.8	232	Ll.	-0.45	+13.2	437	Ll.	+0.95	+1.5
27	Ll.	-0.20	+7.6	234	Ll.	-0.49	+5.9	439	Ll.	+0.20	-3.8
45	Ll.	+0.28	+3.7	266	Ll.	-0.43	+5.4	441	Ll.	+0.27	+2.4
51	Ll.	-0.53	+5.7	274	Ll.	-0.14	+4.3	443	Ll.	-0.60	+14.6
58	Ll.	-0.52	-4.4	277	Ll.	-0.64	-6.5	451	Ll.	+0.25	+7.4
80	Ll.	-0.64	-2.5	280	Ll.	-0.04	+2.0	457	Ll.	+0.21	0.0
81	Ll.	+0.42	-2.6	293	Ll.	-0.53	+4.7		R.	-0.15	-5.7
90	Ll.	+0.05	+2.5	308	Ll.	-0.58	+12.9	460	Ll.	+0.24	+0.8
	R.	+0.11	-2.9	309	Ll.	-0.51	+5.6		R.	-0.14	-3.7
101	Ll.	-0.28	+13.8	329	Ll.	+0.29	+4.4	464	Ll.	+0.13	+3.8
114	Ll.	-0.14	+13.0		R.	+0.03	-0.4	467	Ll.	+0.65	+2.5
124	Ll.	-0.59	+1.4	330	Ll.	-0.51	-0.6	474	Ll.	-0.12	+6.3
143	Ll.	-0.38	-1.5	331	Ll.	-0.01	+1.4	475	Ll.	+3.17	-4.8
145	Ll.	+2.16	-6.0	332	Ll.	-0.25	+0.8	477	Ll.	+0.45	-4.1
149	Ll.	+0.26	+9.1	341	Ll.	-0.34	+6.8	479	Ll.	+0.81	-3.1
154	Ll.	-7.97	+11.2	350	Ll.	-0.35	+3.5	480	Ll.	+0.60	-4.4

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
483	Ll.	+0.″27	-0.″5	3	S.	-0.″15	+0.″8	34	Ll.	+0.″81	-4.″8
485	Ll.	+0.36	+6.6	8	S.	-0.28	-1.3		B.	+0.89	-1.4
487	Ll.	+0.02	+10.6	11	B.	-0.11	-6.6	35	Ll.	+0.01	+1.4
488	Ll.	+0.16	+14.7		S.	-0.13	-1.0		B.	-0.29	-2.8
500	Ll.	+0.10	+1.0	13	B.	-0.48	-0.5		R.	-0.32	-4.2
501	Ll.	-0.32	+10.4	14	B.	-0.25	-4.9	36	B.	+0.20	+1.8
515	Ll.	-0.15	+4.9	15	Ll.	-0.56	-7.5	38	Ll.	+0.35	+2.9
516	Ll.	-0.80	+10.7		B.	+0.05	-7.0		B.	+0.37	+5.2
517	Ll.	+0.55	+2.4	16	Ll.	-1.56	+5.7	40	Ll.	-0.20	-3.5
518	Ll.	+0.59	+12.2		B.	+0.28	-0.5		B.	0.00	-0.4
524	Ll.	+0.80	+4.5		S.	-0.57	+0.6	41	Ll.	-0.79	+4.6
526	Ll.	-0.11	+6.8	17	B.	+0.48	+0.8		B.	-0.28	+2.4
541	Ll.	+0.55	+12.9	20	B.	+0.55	-8.8	42	Ll.	+0.06	-1.8
546	Ll.	-0.05	+1.9	21	B.	+0.10	-3.4		B.	+0.37	+3.5
553	Ll.	-0.52	+8.4		S.	-0.16	-6.5	43	B.	-0.02	+6.8
554	Ll.	-0.08	+11.8	22	B.	+0.22	+2.3	44	B.	+0.28	+3.1
555	Ll.	+0.01	+7.3		S.	-0.01	+3.3		R.	-0.15	-1.2
557	Ll.	-0.27	+6.6	26	B.	+0.06	—		S.	-0.15	-1.2
561	Ll.	-0.08	-2.3	28	Ll.	-0.12	+2.9	45	Ll.	+0.13	-2.5
562	Ll.	-0.81	-1.8		B.	+0.04	+0.9		B.	+0.07	+0.8
563	Ll.	+0.24	+6.2	29	Ll.	+0.10	+4.3		R.	-0.21	-1.8
569	Ll.	+0.02	+5.6		B.	+0.32	+6.7		S.	+0.07	-2.6
574	Ll.	+0.56	+4.8		S.	-0.01	+3.6	46	Ll.	-0.35	-0.4
578	Ll.	+0.17	+12.3	30	B.	+0.23	—		B.	-0.09	-1.2
581	Ll.	+0.45	+2.1	31	Ll.	-0.38	—		R.	-0.24	-2.4
583	Ll.	+0.33	+6.7		B.	+0.21	—	47	Ll.	-0.08	-1.5
588	Ll.	+0.42	+5.6		S.	-0.25	—	48	S.	-0.22	-0.3
589	Ll.	+0.18	+9.9	32	Ll.	-0.07	—	49	Ll.	-0.34	+11.1
		Nachtrag I.			B.	+0.22	—		B.	+0.91	+9.6
					R.	-0.09	—		R.	-0.11	+4.2
3	B.	+0.16	+4.3	33	B.	-0.85	+7.0		S.	-0.22	-1.7

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
50	Ll.	-0.02	+8.3	69	S.	-0.08	+0.9	92	B.	-0.07	+5.1
	B.	+0.26	+5.3	71	Ll.	-0.29	+3.4	93	B.	+0.13	+4.0
51	B.	-0.02	+1.4		B.	-0.29	+0.6	94	B.	+0.12	-2.2
53	B.	0.00	+6.6	72	B.	-0.05	+7.6	95	Ll.	-0.61	+8.4
	R.	-0.53	-2.0	73	B.	-0.46	+3.8		B.	0.00	+11.6
54	Ll.	-0.63	-4.3		S.	+0.05	-2.8		S.	-0.07	+3.4
	S.	-0.15	-3.4	74	B.	-0.33	+15.1	96	B.	-0.10	+7.3
55	Ll.	-0.13	+0.5	75	Ll.	+0.17	+0.1		S.	-0.23	+1.3
	B.	-0.36	+5.0		B.	+0.05	+4.9	97	B.	+0.36	—
56	Ll.	+0.19	+2.5	76	B.	-0.22	+6.3	98	Ll.	-0.19	+0.4
	B.	+0.01	+5.6	77	B.	-0.12	+8.5		B.	+0.09	+3.2
57	Ll.	-0.83	+8.6	78	B.	-0.17	-0.8	99	B.	-0.08	+9.0
	B.	-0.26	+12.6		S.	-0.11	+0.4	100	B.	+0.17	+0.5
59	B.	-0.20	+10.6	79	B.	+0.13	+6.4	101	Ll.	-0.52	+3.9
	S.	-0.33	+3.1	80	B.	-0.28	+5.5		B.	+0.01	+0.6
60	Ll.	-0.19	+6.2		S.	-0.21	+0.6		R.	-0.59	+1.3
	B.	+0.38	+10.1	81	B.	+0.06	+8.7	102	B.	-0.12	+6.1
	R.	-0.27	+0.9		S.	-0.13	+1.9	103	Ll.	-0.36	+1.4
62	B.	+0.04	+5.1	82	B.	+0.16	+3.9		B.	+0.04	+2.4
	S.	-0.05	-1.9	83	B.	+0.20	+7.4	104	Ll.	+0.16	-8.6
63	Ll.	-1.28	+0.2	85	B.	-0.28	+7.0		B.	+0.10	-6.3
	B.	-0.13	+5.2	86	B.	-0.05	+2.6	105	Ll.	-0.55	+8.6
64	B	+0.27	+7.7	87	B.	-0.38	+0.6		B.	-0.05	+6.2
65	Ll.	-0.28	—	88	Ll.	-0.13	+4.3		S.	-0.46	+1.2
	B.	-0.02	—		B.	-0.02	+4.9	110	Ll.	+0.25	-2.1
	S.	-0.17	—		S.	-0.26	+0.4		B.	-0.26	+2.8
66	B.	-0.08	+10.1	89	Ll.	-0.21	-3.4	112	Ll.	-1.10	+1.8
67	B.	+0.45	+5.7		B.	-0.23	+3.3		B.	-0.85	+1.3
68	B.	+0.11	+5.3	90	Ll.	-0.86	-5.7	113	Ll.	-0.49	-0.9
	S.	-0.02	0.0		B.	-0.27	+5.9		B.	-0.12	-3.1
69	Ll.	-0.09	+7.2	92	Ll.	-0.21	+0.3	117	Ll.	-0.38	+4.6

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
117	B.	+0.06	+3.4	167	B.	-0.44	-1.8	225	S.	-0.01	+0.5
119	B.	+0.04	+1.2	168	Ll.	-0.43	+1.3	230	B.	-0.34	-1.6
122	B.	+0.24	+2.1		B.	-0.44	-3.1	232	B.	+0.67	+1.5
123	B.	+0.18	-1.2	169	B.	+0.01	+2.1	238	B.	+0.21	-2.7
124	B.	+0.32	—	170	B.	+0.27	-0.2	239	B.	-0.05	-4.6
132	B.	0.00	+0.4	175	B.	-0.07	-3.7	247	S.	-0.30	-1.6
133	Ll.	-0.06	+1.4	178	Ll.	+0.12	+2.2	248	S.	-0.27	-1.6
	B.	-0.08	+1.4		S.	-0.06	-1.7	252	S.	-1.29	-0.8
135	B.	+0.68	-1.7	180	Ll.	+0.29	+15.8	256	S.	-0.40	-1.3
	S.	-0.28	+1.2	182	Ll.	+0.38	+4.0	262	B.	+0.22	-8.4
137	R.	-0.18	+1.5		S.	0.00	+0.3	263	B.	+0.02	-5.2
138	B.	+0.01	-0.3	185	B.	-0.09	-2.3	264	Ll.	+0.17	-6.8
	S.	-0.19	-3.6		S.	-0.26	—		B.	+0.18	-8.3
141	R.	-0.15	+4.7	190	S.	0.00	-0.5	265	Ll.	+0.19	-3.3
142	B.	-0.02	+1.5	192	Ll.	-0.55	+4.9		B.	-0.09	-1.8
144	B.	-0.15	+1.4	196	R.	+0.13	+3.9	271	Ll.	+0.18	-1.0
146	B.	+0.34	+0.4		S.	-0.13	+3.1		B.	-0.02	-3.0
147	Ll.	-0.24	+0.3	198	B.	-0.01	-0.9	272	B.	+0.03	-4.0
	B.	-0.25	-3.8	199	B.	+0.02	+0.2	273	Ll.	+0.37	-0.2
153	Ll.	+0.18	-3.0	202	S.	-0.01	-2.7		B.	-0.11	-3.1
154	B.	-0.41	-1.5	206	Ll.	+0.21	-0.8	274	Ll.	+0.03	+3.5
155	S.	-0.77	+0.8	207	Ll.	-0.32	+5.7		B.	-0.07	-3.7
156	B.	-0.11	-0.1		B.	+0.22	-2.4	276	B.	+0.28	-5.3
158	Ll.	-0.42	+2.2	208	B.	+0.28	-5.6	277	Ll.	-0.28	-2.7
	B.	+0.16	-1.5	209	B.	+0.06	-1.0		B.	-0.29	-6.1
161	Ll.	-0.14	-0.5	210	B.	+0.01	+0.1	280	B.	+0.37	-2.8
	B.	-0.13	-0.6	214	B.	+0.08	-1.4	281	B.	-0.22	-5.0
	S.	-0.15	+0.4	217	B.	+0.03	-7.6	282	B.	+0.04	-2.6
162	Ll.	-0.29	-2.8	224	Ll.	-0.70	+5.5	283	Ll.	0.00	-4.4
164	B.	+0.04	-0.6		B.	-0.83	-0.3		B.	-0.13	-3.9
	S.	-0.03	-0.7	225	B.	-0.96	+0.8	284	Ll.	-0.11	-2.6

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		″	″			″	″			″	″
284	B.	-0.19	-1.2	314	Ll.	+0.03	-1.7	348	B.	-0.02	-4.3
285	Ll.	-0.12	-1.3	315	B.	+0.22	-2.9	349	B.	-0.22	—
288	Ll.	-0.11	+2.5	316	B.	-0.17	-2.1	350	B.	-0.26	-6.1
	B.	+0.33	-2.7	317	B.	+0.17	-2.9	351	B.	-0.20	-4.5
289	Ll.	+0.85	+1.0	319	B.	+1.05	-3.7	352	B.	-0.23	+0.7
	B.	+0.01	-0.7	321	Ll.	+0.05	+2.5	353	B.	-0.20	-2.9
290	B.	+0.16	+0.7		B.	-0.02	-2.7	355	Ll.	-0.55	+1.6
291	Ll.	+0.20	+4.0	322	Ll.	-0.05	+5.6		B.	+0.12	-5.5
	B.	-0.01	-3.6		B.	-0.13	-0.3	357	B.	-0.23	-1.6
292	Ll.	-0.03	+7.1	323	B.	+0.18	-2.2	359	S.	-0.25	-1.1
	B.	-0.22	-5.0	325	B.	-0.08	+4.8	360	B.	-0.14	-3.4
293	Ll.	-0.01	+1.4	326	B.	+0.10	-7.4	362	Ll.	-0.29	—
	B.	+0.08	-6.0	327	Ll.	-0.59	0.0		B.	+0.05	—
294	Ll.	+0.36	+2.9	329	B.	-0.12	-6.2	369	Ll.	+0.05	-0.3
	B.	-0.07	-3.4	330	Ll.	-0.27	-1.0		B.	-0.24	+31.9
299	B.	-0.10	-5.5		B.	-0.27	-5.0	370	B.	0.00	-2.3
300	Ll.	+0.43	+2.5	331	B.	-0.08	-6.6	374	Ll.	+0.27	+0.5
	B.	+0.26	-3.9	332	B.	-0.19	-10.0	375	Ll.	+0.48	—
301	Ll.	+0.01	+1.8	334	B.	-0.13	-6.9		B.	+0.69	-13.3
302	B.	+0.43	-4.0	336	Ll.	-0.29	-2.6	377	B.	+0.13	-4.8
303	Ll.	+0.08	+0.4		B.	-0.16	-6.5	378	Ll.	-0.44	+5.4
	B.	-0.02	-2.8	337	Ll.	-0.36	+0.8		B.	-0.01	-4.3
304	B.	-0.04	+3.0		B.	+0.13	-3.1	379	Ll.	+3.50	-2.6
305	Ll.	-0.23	+5.1	339	Ll.	+0.28	-33.7	381	B.	+0.30	-3.3
	B.	-0.05	-2.3		B.	-0.22	-5.5	384	B.	+0.19	-2.5
307	B.	+0.09	-3.1	341	B.	+0.18	-3.5	386	Ll.	-0.31	+2.9
309	B.	+0.13	-9.3	343	B.	+0.04	-2.6		B.	-0.29	-1.5
310	B.	+0.28	-3.2	345	B.	+0.08	-3.3	388	B.	+0.40	-2.6
311	Ll.	+0.18	+1.2	346	Ll.	-0.11	—	389	B.	+0.06	-3.0
313	Ll.	-0.20	-0.5		B.	-0.04	—	390	B.	-0.10	-6.7
	B.	-0.07	-2.0	347	B.	-0.51	-2.4	391	B.	+0.32	-3.5

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
392	Ll.	+0.″28	+1.″4	436	B.	+1.″49	+7.″8	464	B.	+0.″07	-8.″8
	B.	+0.09	+28.7	437	Ll.	-0.40	+5.1	466	Ll.	0.00	-3.5
393	Ll.	+0.17	+2.2		B.	-0.15	-0.2		B.	+0.14	-3.1
	B.	+0.17	-1.9	440	Ll.	+0.16	+4.7		R.	-0.18	-5.0
399	B.	-0.59	+0.3		B.	+0.40	+8.3	467	Ll.	+0.55	-4.9
401	Ll.	+0.34	+13.6		R.	+0.06	-12.5		B.	+0.46	-6.7
	B.	+0.35	+3.6	441	B.	+0.32	+7.4		R.	+0.07	-6.6
403	B.	-0.04	-2.2	442	B.	+0.71	-2.0	468	B.	-0.13	—
409	B.	+0.13	-1.7	444	Ll.	0.00	-1.8	470	Ll.	+0.39	—
410	Ll.	-0.11	+3.8		B.	-0.01	-3.3		B.	+0.50	—
415	Ll.	+0.35	-0.5		R.	-0.17	-1.2	471	B.	-0.18	+0.6
	B.	+0.32	-3.2	445	Ll.	+1.13	+5.4	474	B.	-0.26	-0.8
416	B.	-0.47	-2.6		B.	+0.68	+0.6	475	Ll.	+0.36	+3.6
419	Ll.	+0.31	+0.2	447	Ll.	+0.21	+2.1		B.	+0.32	-3.4
	B.	-0.42	-6.4		B.	+0.14	-2.9	476	B.	+0.40	-1.0
422	B.	-0.72	-6.2		R.	0.00	-4.2	477	Ll.	+0.42	-0.9
423	Ll.	+0.16	-3.7	448	B.	+0.30	-3.6		B.	+0.40	-4.6
425	Ll.	+1.09	+1.4	449	Ll.	-0.10	+0.2	479	B.	+0.21	-5.1
426	Ll.	-0.14	+1.2		B.	+0.02	-2.9	480	B.	-0.09	-3.6
429	Ll.	-0.10	+4.5	450	Ll.	+0.31	+6.2	482	Ll.	+0.35	-2.4
	B.	+0.49	+3.7		B.	-0.22	-2.1		B.	+0.14	-3.0
430	Ll.	+0.21	+2.4	451	B.	-0.09	+2.7	483	B.	+0.41	-0.5
	R.	+0.03	+0.6	452	B.	+0.35	-7.6	486	B.	+0.03	-4.6
431	Ll.	+0.02	+6.1	453	B.	+0.05	+8.2	487	R.	-0.02	-2.8
	B.	-0.27	+0.1	454	B.	-0.20	+7.5	490	B.	+0.52	+0.3
432	Ll.	-0.30	+1.7	456	B.	+0.03	-6.4	491	Ll.	-0.77	+2.7
	B.	+0.25	-2.8	458	R.	-0.44	-6.3		B.	-0.65	-5.7
433	Ll.	-0.05	—	459	B.	+0.83	+2.4	492	B.	-0.32	-1.7
	B.	+0.18	—	461	Ll.	-0.07	—	494	B.	-0.02	-4.9
434	B.	-0.06	+5.8		B.	+0.22	—	495	Ll.	-0.56	+10.0
435	B.	+0.04	+3.5	463	B.	-0.76	—		B.	-0.88	+0.7

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
496	B.	+0.″15	−1.″2	533	B.	−0.″03	+0.″8	558	Ll.	+0.″35	−5.″8
497	Ll.	+0.14	+4.9	537	Ll.	−0.14	−0.2		B.	+0.21	−5.5
500	B.	+0.27	−3.5		B.	+0.02	−2.8	560	Ll.	−0.18	+2.6
501	S.	−0.64	—	539	Ll.	+0.25	+1.3	561	Ll.	−0.44	−7.4
503	B.	−0.24	+1.5		B.	−0.21	+3.2	562	Ll.	+0.08	−0.9
505	B.	+0.05	+2.5	541	Ll.	−0.35	+9.2		B.	+0.17	−1.2
508	B.	−0.12	−2.9		B.	−0.08	+8.0	563	B.	−9.46	−2.1
510	B.	−0.19	−6.2	542	Ll.	+3.68	+6.6	565	S.	−0.40	−0.6
511	B.	−0.12	−3.2	544	Ll.	+0.26	+1.4	566	B.	−0.24	+2.7
512	B.	−0.16	−4.4		B.	+0.33	−4.4	567	Ll.	−0.23	+1.1
519	B.	−0.13	−5.2	545	B.	−0.10	+3.7		B.	−0.04	−1.6
522	B.	+0.11	−4.6	546	Ll.	+0.28	+0.1		R.	−0.33	−3.5
524	Ll.	+0.47	+1.3		B.	−0.07	−0.1	568	Ll.	−0.23	0.0
	B.	−0.09	−0.4	550	B.	+0.07	−4.1		B.	−0.25	+0.2
	R.	−0.13	+0.5		R.	−0.03	−2.9		R.	−0.20	−1.3
525	Ll.	−0.34	+2.0	551	Ll.	−0.64	+5.1	569	Ll.	−0.33	−2.1
	B.	−0.30	+0.3		B.	−0.36	+1.2		B.	−0.14	+1.3
526	Ll.	−0.23	−0.1	552	B.	+0.63	−2.0	570	B.	−0.09	−2.0
	B.	−0.44	−0.2	553	Ll.	+0.25	+2.3	571	Ll.	+0.17	−4.3
527	Ll.	+0.02	−0.8		B.	+0.22	−2.0		B.	+0.23	−3.0
	B.	−0.26	+0.5		R.	+0.04	−8.8	572	B.	−0.13	+2.3
	R.	−0.42	−2.0	554	Ll.	+0.43	0.0		R.	−0.05	−0.7
528	B.	−0.10	+0.4		B.	+0.28	−1.5	573	B.	−0.14	−3.6
	R.	−0.20	−2.0	555	Ll.	+0.01	−2.5	574	B.	−0.10	+2.3
530	B.	−0.25	−1.6		B.	−0.14	0.0	575	Ll.	+0.16	−5.9
531	Ll.	+0.29	+1.2		R.	−0.14	+0.6		B.	−0.11	−1.2
	B.	+0.24	+2.0	556	Ll.	−0.46	−0.6	577	B.	+0.38	+1.3
	R.	−0.34	−5.0		B.	−0.06	−0.7	578	B.	+0.04	−0.9
532	B.	−0.09	−3.5		R.	−0.24	+0.9	580	Ll.	+0.22	+2.9
	R.	−0.46	−0.7	557	Ll.	−0.27	+37.7		B.	−0.43	+2.5
533	Ll.	+0.01	+6.9		B.	−0.56	+25.9	582	Ll.	−0.69	+3.3

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
582	B.	+0″.57	-2″.9	611	B.	+0″.02	-7″.1	636	Ll.	-0″.17	+0″.7
583	B.	-0.07	+0.4	612	Ll.	-0.20	-3.1		B.	+0.24	+2.5
584	B.	-0.33	-1.6		B.	-0.09	-5.1	637	Ll.	-0.05	+5.9
585	Ll.	+0.03	+1.6	613	Ll.	-0.27	+1.0		B.	+0.38	+4.6
	B.	-0.07	+1.5		B.	+0.22	-3.9	638	B.	+0.26	+3.8
586	S.	-0.10	-1.5	614	B.	-0.15	-3.1	639	B.	+0.30	+2.9
587	Ll.	-0.08	-6.2	615	Ll.	-0.13	+2.8	640	B.	+0.62	+1.6
	B.	-0.19	-0.7		B.	-0.04	-1.9	641	Ll.	-0.06	—
	R.	-0.25	-1.1	616	S.	-0.17	-6.0		B.	+0.26	—
588	R.	+0.65	-5.7	617	B.	-0.30	-0.9	642	Ll.	+0.40	+5.0
589	Ll.	+0.04	+7.6	618	Ll.	+1.31	-3.3		B.	+0.01	+1.9
	B.	-0.18	+1.4		B.	+0.56	-7.1	643	Ll.	-0.06	+2.5
591	Ll.	-0.45	+0.3		R.	+0.48	-4.7		B.	+0.23	-0.1
	B.	+0.28	-2.7	619	B.	+0.30	-0.7	644	Ll.	+0.07	+4.8
592	B.	-0.08	+1.2	620	B.	-0.52	+0.5		B.	+0.36	+3.8
593	B.	+0.20	+4.5	621	Ll.	-0.06	+6.6	645	B.	-0.01	+1.6
594	B.	0.00	-5.7		B.	-0.30	-3.4	646	Ll.	+0.41	+3.7
596	B.	+0.05	+0.3	622	Ll.	-0.24	-6.1		B.	+0.81	-1.6
597	Ll.	-0.42	+3.6		B.	-0.43	-4.7	647	B.	+0.22	+3.9
	B.	-0.16	+1.1	625	Ll.	-0.59	+3.1	648	Ll.	+0.15	—
600	B.	-0.14	-0.8		B.	-0.14	-3.8	649	S.	+0.04	+2.8
603	B.	-0.22	-1.0	626	B.	-0.32	-3.2	651	B.	+0.28	-1.1
605	B.	+0.11	+1.6	627	Ll.	-0.15	+0.6	652	B.	-0.01	+2.4
607	B.	+0.05	-5.7		B.	-0.07	-5.7	654	B.	+0.26	+0.2
608	Ll.	-0.41	+2.4	628	B.	-0.11	-6.4	655	B.	-0.02	+0.5
	B.	+0.06	-4.9	629	B.	-0.16	-1.9	658	Ll.	+0.07	+11.2
	R.	-0.58	-4.2	630	Ll.	+0.55	-4.1	659	R.	-0.53	-1.7
609	Ll.	-0.04	+7.9	632	Ll.	-0.05	-7.5	661	Ll.	-0.38	+5.9
610	B.	+0.05	-1.8	633	Ll.	-0.16	-1.6		B.	-0.11	+1.1
	R.	-0.16	-5.7	634	B.	-0.31	-5.4	662	Ll.	+0.07	+10.3
611	Ll.	+0.05	+4.9	635	B.	-0.02	-1.6		R.	+0.29	+2.9

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
		"	"			"	"			"	"
663	B.	-0.25	-3.4	704	B.	+0.15	+1.2	747	B.	-0.18	-1.6
665	S.	-0.20	+1.0	706	B.	+0.40	—	748	B.	-0.31	-1.2
667	Ll.	-0.16	+8.8	715	B.	+0.34	+2.0	749	B.	-0.50	-5.8
669	Ll.	+0.03	+10.3	716	B.	-0.83	+6.4	750	Ll.	+0.05	+2.9
	B.	+0.39	-1.0		R.	-0.73	+4.6		B.	+0.14	+2.9
670	Ll.	+0.41	+10.7	719	Ll	-0.13	+5.3	751	Ll.	+0.24	-3.1
	B.	+0.01	+2.3		B.	+0.07	+3.6		B.	-0.02	+0.7
674	B.	+0.58	+3.5	721	Ll.	-1.06	+2.6	752	Ll.	-0.71	-2.7
676	Ll.	-0.01	+5.5	723	B.	-0.14	—		B.	-0.23	+6.9
	B.	+0.40	0.0	725	S.	-0.08	+4.6	754	Ll.	+0.33	+3.2
677	B.	+0.13	+1.3	729	Ll.	0.00	-3.9		B.	+0.27	+5.4
680	B.	-0.01	-0.5	732	B.	+0.31	-1.8	755	Ll.	-0.25	-0.2
681	B.	-0.18	-1.3	733	B.	+0.09	-0.5		B.	+0.01	+0.2
683	B.	+0.16	-2.8	734	B.	+0.27	-4.6	756	Ll.	-1.08	+9.0
684	B.	+0.20	+0.9	735	Ll.	+0.68	+6.4	757	Ll.	+0.07	+3.9
685	B.	-0.29	+3.1		B.	+0.43	-4.7		B.	+0.46	+7.0
689	B.	+0.03	-8.3	736	Ll.	-0.65	-3.9	758	B.	+0.11	+6.4
	R.	+0.11	-3.8		B.	+0.37	-4.8	760	Ll.	+0.41	-5.7
690	B.	+0.23	-4.0	737	B.	-0.29	—	761	Ll.	+0.20	-1.1
	R.	-0.24	—	738	B.	+0.09	-5.3		B.	+0.41	+1.5
691	B.	-0.19	+0.3	739	B.	+0.73	-4.4	762	Ll.	+1.28	+3.5
693	B.	-0.03	-1.4	740	Ll.	-0.83	+0.9		B.	+1.08	+3.9
695	B.	+0.30	0.0		B.	-0.11	-4.4		R.	+0.32	-0.4
696	S.	-0.22	-2.0	741	Ll.	+0.57	+0.8	763	B.	+0.04	+3.3
697	B.	+0.19	-5.3		B.	+0.39	-6.3	764	B.	+0.91	+2.3
698	Ll.	+0.82	+2.8	742	Ll.	-0.24	+2.3	765	Ll.	+0.02	+0.4
699	Ll.	-0.33	+9.8		B.	-0.24	-3.1	766	B.	-0.05	+1.8
	B.	0.00	-2.6	743	Ll.	-0.34	+3.3	768	Ll.	+0.90	+6.1
700	B	+0.13	-2.5	745	B.	-0.09	+4.5	768	B.	+0.09	+3.8
702	Ll.	-0.08	-3.5	746	B.	-0.17	-1.8	769	Ll.	+0.21	-1.4
703	Ll.	+0.03	+6.3	747	Ll.	+0.04	+2.1		B.	+0.48	-3.3

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
770	Ll.	+0″.87	+5″.1	798	B.	+0″.30	+4″.5	820	Ll.	-0″.68	+12″.9
	B.	+0.38	+6.6	800	B.	-0.06	-1.7	823	Ll.	+0.51	-2.1
772	B.	0.00	+2.6	801	Ll.	+0.99	+2.7		B.	+0.41	-2.8
773	Ll.	-0.18	+0.1	803	B.	+0.42	+0.7	826	Ll.	-0.24	+6.3
	B.	+0.21	-1.6	804	B.	+0.51	+1.2		B.	-0.40	+3.7
774	Ll.	+0.16	+2.5	805	Ll.	+0.65	+4.3	827	B.	-0.35	+1.1
	B.	-0.12	-0.4		B.	-0.09	-0.1	831	B.	+0.59	+1.5
776	Ll.	-1.07	-3.0	806	Ll.	+0.95	-1.0	832	Ll.	+0.44	+3.8
	B.	-0.12	-6.2		B.	+0.67	-0.1	835	Ll.	—	+10.8
777	Ll.	-0.66	-0.2	807	Ll.	-0.19	+4.2		B.	—	+1.9
778	Ll.	-0.63	+4.2		B.	+0.10	-0.3	837	Ll.	-0.75	+1.4
	B.	-0.16	+3.6	808	Ll.	-0.43	-6.1		R.	-0.61	-6.7
779	Ll.	+0.12	—		B.	+0.20	+2.4	838	Ll.	+0.42	+6.2
	B.	+0.46	+2.0	809	Ll.	+0.62	+5.4		B.	-0.08	+2.6
784	Ll.	+0.14	+4.0		B.	+0.15	-1.6	839	Ll.	—	+6.7
	B.	-0.01	+1.2	810	Ll.	-0.07	+1.5		B.	—	-3.1
785	B.	+0.61	+4.1		B.	+0.27	-3.8	841	Ll.	—	+1.7
786	Ll.	-0.22	+3.1	811	Ll.	+0.37	+2.2		B.	—	+1.3
	B.	+0.39	-1.5		B.	+0.53	+5.1	842	Ll.	—	-0.8
787	B.	+0.41	+6.8	812	Ll.	-0.12	-4.6		B.	—	+0.2
788	Ll.	+0.15	+8.2		B.	+0.19	-0.9	843	Ll.	+0.05	+8.1
	B.	+0.19	+5.1	814	Ll.	+0.37	+5.2		B.	+0.15	+2.3
789	B.	-0.05	+3.6		B.	+0.32	+2.6	844	Ll.	-0.23	+0.1
790	Ll.	+0.19	+6.6	815	Ll.	+0.27	+8.5		B.	-0.16	+0.8
	B.	+0.45	+1.8		B.	+0.48	-3.9	845	Ll.	+0.70	+17.4
791	Ll.	+0.61	-1.7	816	Ll.	-0.37	+5.2	846	B.	+0.17	-1.0
793	B.	+0.32	-0.9		B.	-0.45	+1.1	847	Ll.	+0.68	+3.9
795	Ll.	+1.34	+5.9	817	B.	-0.02	+1.2		R.	+0.11	-2.3
795	B.	+0.79	+3.1	818	Ll.	+0.05	-4.4	848	Ll.	+0.50	+2.2
797	Ll.	+0.69	+9.4	819	Ll.	+0.55	-2.5	849	B.	+0.23	-3.2
	B.	-0.09	+4.3		B.	+0.20	-1.8	850	B.	-0.13	+1.2

Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.	Nummer	Beobachter	Differenz AR.	Differenz Decl.
851	B.	+0.″27	+6.″9	687	B.	+0.″05	+1.″2	892	Ll.	-0.″23	+3.″7
852	Ll.	+0.19	+8.0	868	B.	-0.07	+1.6		B.	+0.01	-0.9
853	Ll.	+0.76	-0.4	874	B.	+0.25	—	893	R.	-0.56	+17.0
	B.	+0.31	-3.0	877	B.	-0.12	-2.6	895	Ll.	+0.49	+3.9
	R.	-0.14	-3.6	880	Ll.	+0.25	+4.6	902	Ll.	+0.85	+2.6
854	Ll.	-0.27	+5.1		B.	+0.19	-2.1	904	Ll.	+0.03	+2.4
	B.	-0.05	-2.5	881	B.	+0.12	-2.5	905	Ll.	-0.17	+4.3
855	B.	+0.41	-1.1	882	Ll.	+0.41	-0.4	906	Ll.	+0.02	+2.0
860	B.	-0.13	-1.9	883	B.	-0.06	-4.1	907	Ll.	-0.03	+0.1
861	Ll.	+0.26	+1.7	884	B.	+0.21	-4.6	908	Ll.	+0.37	+5.6
	B.	+0.09	-0.2	885	Ll.	+0.13	—	909	Ll.	-0.23	+2.9
862	Ll.	-0.23	+14.3	886	Ll.	-0.67	+3.7	912	Ll.	—	+4.6
	B.	-0.18	+6.1	888	Ll.	+0.14	+1.3	914	Ll.	—	-0.2
865	B.	+0.49	+2.2	889	Ll.	-0.12	-4.0	915	Ll.	+0.13	+7.5
867	Ll.	-0.47	+4.2	890	Ll.	-0.31	+10.8	918	Ll.	-0.11	-1.9

Anmerkungen

zu den in diesem Supplementbande enthaltenen Sternverzeichnissen I. bis V. und zu den Nachträgen I. und II.

1) I. Sternverzeichniss von +15° bis +21° Decl.

Nro. 3. Wird AR. um 2″ grösser angenommen und dann mit Nro. 4 vereinigt, so hat man: 0^h 14′ 51″,45 . . . +20° 50′ 13″,5.

29. Mittel aus 2 Beobachtungen; die erste musste um 10″ in AR. vermehrt werden.

56. Rümkers Decl. um 1′ zu vermindern.

71. Es muss ohne Zweifel die Ablesung des Zonenbogens um 100 Schraubentheile = 33″,3 vermehrt werden, dadurch wird die Uebereinstimmung mit Ll. und B. hergestellt.

99. Rümker's Decl. um 10′ zu vermehren.

141. Lalande's Decl. um 1′ zu vermindern.

149. AR. bei Bessel nicht richtig.

220 — 224 — 232. Die drei Beobachtungen gehören zu demselben Stern, dessen Durchgang bei dem 1., 2. und 3. Faden aufgezeichnet wurde: der 1. Faden ist als unsicher bezeichnet und sollte wahrscheinlich 41″ heissen, der 2. Faden wäre nach dem Original 46″, sollte aber 56″, sein, der 3. Faden allein ist zur Positions-Berechnung zu gebrauchen; die Decl. ist nur einmal beobachtet: die beiden Nummern 220 und 224 fallen hiernach weg.

267. AR. ist im Original um 1′ zu gross angegeben (hier corrigirt.)

275. Zone 200 AR. um 1′ vermindert.

286. Zone 200. Decl. im Original corrigirt (unsicher).

347. Zone 202. AR. um 10″ vermindert (unsicher).

351. Zone 204. Decl. um 20′ vermehrt.

357. Bessel AR. um 10″ zu vermehren.

368. AR. bei Ll. nicht richtig.

404. Zone 205. Decl. um 100 Theile der Schraube = 33″,3 vermindert.

414. Decl. bei Ll. nicht richtig.

426. Zone 202 Faden 2 für 3 angenommen.

439. Zone 202. Decl. um 10″ vermehrt.

441. Ll. Decl. um 1′ zu vermindern.

513. AR. Mittel aus 2 Beobachtungen; die erste muss um 1″ vermehrt werden.

582. Zone 205. Decl. um 100 Theile der Schraube = 33″,3 vermehrt.

593. Zone 206. AR. um 10″ vermehrt.

602. Zone 204. Faden 5 für 4 angenommen; Corr. = -15″,02.

669. Wenn bei Zone 202 die AR. um 7″ vermindert wird, so erhält man

im Mittel AR. 44",49, so dass der Stern allenfalls als identisch mit Bessel 595 angenommen werden könnte.

Nro. 681. Zone 297. Decl. um 1' vermehrt.

682. Zone 204. Decl. um 1' vermehrt.

687. Wenn die AR. um 30" vermindert, und dann mit Nro. 681 vereinigt wird, erhält man die AR. dieses Sterns um 0",15 und die Decl. um 0",3 grösser.

700. Zone 206. Faden 5 für 4 angenommen; Corr. = -15",06. Decl. bei Rümker um 5' zu vermindern.

703. Zone 204. Decl. um 10" vermindert.

718. AR. könnte um 10" zu vermehren sein.

763. Wenn die Decl. um 100 Theile der Schraube vermehrt und dann der Stern mit 764 vereinigt wird, so erhält man im Mittel: 20^h 32' 7",68 +15° 18' 51",1.

768. Zone 204. Decl. um 10' vermehrt.

781. Ll. Decl. um 5' zu vermindern.

803. Wenn Faden 3 für 2 (Corr. = -14",56) genommen und der Stern alsdann mit Nro. 801 vereinigt wird, so erhält man als Resultat: 20^h 35' 23",51 +15° 34' 38",7.

830. Zone 209. Decl. um 2' vermehrt.

832. Zone 209. Decl. um 1' vermehrt.

837. Nach Rümker wäre die AR. zu gross um 2" und die Decl. zu klein um ungefähr 1/2 Minute.

885. Zone 205. Decl. um 10' vermindert.

891. Zone 203. AR. um 1' vermindert.

892. Zone 205. AR. um 10' vermehrt (unsicher).

913. Zone 211. AR. um 1" vermehrt.

931. Zone 203. AR. um 1" vermehrt.

942. Mittel aus 2 Beobachtungen; zweite Beobachtung AR. um 4" vermindert.

971. Vielleicht AR. um 1" zu vermehren und bei der Ablesung des Zonenbogens 160 Theile anstatt 116 anzunehmen; der Stern wäre alsdann identisch mit Nro. 972: Mittel 55",33 . . . 32",4.

994. Nimmt man Faden 1 für Faden 4, so wird AR. = 59",14 und der Stern wäre identisch mit Nro. 1004.

1006. Wenn man die AR. um 20" vermehrt, so wird der Stern identisch mit Nro. 1010.

1029. Zone 204. Decl. um 10' vermindert.

1030. Zone 202 die Ablesung des Zonenbogens um 100 Theile zu vermindern, alsdann wird die angegebene Decl. des Sterns um 2",9 vermindert.

1058. Decl. um 6' zu vermindern bei Rümker.

1059. Decl. unrichtig berechnet: es muss bei Zone 200 die Decl. um 100 Theile der Schraube vermindert werden und als Resultat ergibt sich +15° 12' 38",5.

Nro. 1068. Zone 202. Die Ablesung des Zonenbogens um 100 Theile zu vermindern: dadurch wird die angegebene Decl. um 0",1 vermindert.

1082. AR. um 1' zu vermindern und mit Nro. 1071 zu vereinigen; die AR. dieses Sterns wird alsdann um 0",14 grösser, und die Decl. um 0",8 kleiner.

1087. Zone 208. Decl. um 6' vermehrt.

1122. Zone 208. Faden 4 für 5 angenommen; Corr. = +15",09.

1138. Zone 208. AR. um 1' vermindert.

1156. Zone 210. Decl. um 100 Theile der Schraube vermehrt.

1157. AR. bei Bessel nicht richtig.

1164. Zone 204. AR. um 30" vermindert.

1166. Zone 204. AR. Faden 5 für 4 angenommen; Corr. = -15",02: um die Decl. von Zone 205 benützen zu können, müsste man beim Aufschreiben der Trommel-Ablesung eine Verwechselung von 32 mit 92 annehmen: die Decl. des Sterns würde dadurch um 1",4 vermindert.

1191. Zone 200. AR. um 5" vermindert.

1192. Zone 206. AR. um 1' vermindert.

1207. Zone 212. Decl. um 1' vermindert.

1222. Zone 211. Decl. um 18' vermindert.

1233. Zone 211. Decl. um 1' vermindert.

1255. Decl. um 100 Theile der Schraube zu vermehren; alsdann erhält man 41",2 für 7",9 und die Differenzen mit Lalande und Bessel sind +1",1 und +2",0.

1268. Zone 211. AR. um 1' vermindert.

1271. Zone 300. Decl. um 1' vermehrt.

1289. Zone 206. AR. um 1' vermindert.

1292. Zone 208. Decl. um 1' vermindert.

1323. Zone 202. AR. um 1' vermindert.

1343. Bei Zone 202 die AR. um 2" vermehrt, unsicher.

1345. Zone 200. Decl. um 1' vermehrt.

1357. Zone 206. AR. um 1' vermindert.

1381. Zone 208. AR. um 5' vermehrt; im Original die Beobachtung als zweifelhaft bezeichnet.

1440. Bei Zone 206. AR. um 10" zu vermehren.

1490. Zone 209. Decl. um 8' vermindert.

1491. Zone 213. Decl. um 100 Theile der Schraube zu vermehren: alsdann wird im Mittel die Decl. des Sterns um 0",4 vermindert.

1493. Zone 208. AR. um 1' vermindert.

1547. Zone 208. AR. um 1' vermehrt.

1559. Zone 208. Decl. um 6' vermehrt.

1581. (33 Pegasi) hat eine Eigenbewegung von 0",027 in AR. und -0",02 in Decl., während der nördlich vorausgehende Begleiter unbeweglich bleibt: nach Herschel's micrometrischen Messungen war im Jahre 1823 die Diff. AR. = 0",98; Diff. Decl. = 54",3 und im Jahre 1844 sollte

die Diff. AR. 1",55, die Diff. der Decl. 54",7 betragen haben: die Zonenbeobachtung gibt 1",73 und 59",1.

Nro. 1582. Zone 212. Decl. um 2' vermehrt.

1583. Zone 209. Decl. um 6' vermindert.

1595. Zone 210. AR. um 1" vermehrt.

1628. Wird bei Zone 211 die Decl. um 100 Theile der Schraube vermehrt, so erhält dadurch die Decl. des Sterns eine Vermehrung von 1".

1638. Wenn bei Zone 212 die Decl. um 100 Theile der Schraube vermindert wird, so erhält man die Decl. des Sterns um 0",3 kleiner.

1641. Zone 209. AR. um 1" vermindert.

1644. Zone 206. Decl. um 1' vermindert.

1656. Zone 213. Faden 4 für 3 angenommen; Corr. in AR. = −15",53.

1693. AR. im Original als unsicher bezeichnet: wollte man die AR. um 2' vermehren, so könnte der Stern vereinigt werden mit Nro. 1703, dessen Position dadurch um +0",22 und −0",7 geändert würde.

1701. Zone 208. AR. um 2' vermehrt.

1715. Decl. bei Bessel um 1' zu vermehren.

2) Sternverzeichniss von +21° bis +24° Decl.

24. Zone 220. Die Ablesung des Zonenbogens um 100 Schraubentheile zu vermindern: diess gibt in der Decl. des Sterns eine Vermehrung von 0",4.

29. Zone 220. Decl um 1' vermehrt.

72. Zone 220. Faden 4 für 5 angenommen; Corr. = +15",54.

78. Decl. um 100 Schraubentheile vermindert.

81. Zone 218. Decl. um 6' vermehrt.

83. Zone 220. AR. um 1" vermindert; im Original als zweifelhaft angegeben.

97. Zone 217. Decl. um 20' und Zone 220 AR. um 1' vermehrt.

100. η Andromedae, Decl. um 1' zu vermindern.

147. Zone 217. AR. um 1' vermehrt.

204. Eine Eigenbewegung von +0",08 in AR. wahrscheinlich.

237. 238. Nach Bessel wäre für beide Sterne die AR. um 1" zu vermehren; die Declinationen sind verwechselt und zwar kommt dieses Versehen schon bei der Beobachtung selbst vor: die Decl. des ersten Sterns muss bei Bessel um 30" vermehrt werden.

318. Decl.-Ablesung zweifelhaft: sie wird wenigstens um 10" zu klein sein.

360. Bei Zone 216 die Decl.-Ablesung um 100 Theile der Schraube zu vermehren: die Decl. des Sterns wird darnach um 1",2 grösser.

377. Decl. um 100 Schraubentheile = 33",3 vermindert.

391. Wollte man, was zwar als möglich, aber nicht sehr wahrscheinlich zu betrachten wäre, bei Zone 217 die Ablesung des Zonenbogens um 100 Schraubentheile = 33",3 vermehren, so würde die Decl. um 1",6 grösser.

Nro. 404. Zone 216. Decl. um 1' vermindert.

443. Ursprünglich wurde die Position aus den Zonen 317 und 318 abgeleitet und AR. 59",24; Decl. 28",1 gefunden; auf diese Position beziehen sich die in der Note II angegebenen Abweichungen: später ist noch eine etwas unsichere Beobachtung aus Zone 216, wobei jedoch die AR. um 13" vermindert werden musste, hinzugefügt und so die im Verzeichnisse angegebene Position gefunden worden.

482. Decl. bei Bessel um 1' zu vermindern.

493. Zone 221. Decl. um 8' vermindert.

501. Zone 218. AR. um 1' vermindert.

502. Zone 219. Decl. um 1' vermehrt: der Stern kommt bei Rümker vor in AR. um 0",15 mehr, in Decl. um 2",9 weniger.

505. Zone 218. Decl. um 10' vermehrt.

506. Zone 220. Decl. um 20' vermehrt.

529. Bei Zone 219 muss die AR. um 10" und in Folge dessen die AR. des Sterns um 5" vermindert werden.

536. Zone 216. AR. um 30" vermehrt.

553. Zone 218. Decl. um 30' vermehrt.

554. Der aufgezeichnete Fadendurchgang heisst 29",5, während der Beobachter wahrscheinlich 21",5 dictirt haben wird: diess vorausgesetzt ergibt sich die AR. um 8" kleiner.

577. Zone 218. Decl. um 10' vermehrt; im Original als unsicher bezeichnet.

578. Zone 221. AR. um 1' vermindert.

594. Bei Zone 217. Decl.-Ablesung 45 Minuten und 15 Schraubentheile: wenn man nun die Minuten um 2 vermindert und die Schraubentheile um 100 vermehrt, so erhält man 27' 44",3 und als Decl. des Sterns im Mittel 47",2.

3) Sternverzeichniss von -15° bis -21° Decl.

34. Decl. um 3' von Lalande abweichend.

122. Zone 317. Faden 2 für 5 angenommen; Corr. = +45",05.

307. Zone 389. Decl. um 1' nördlicher angenommen.

330. Bei Zone 325 steht im Drucke -2", was so viel heissen sollte, als nach Schätzung 2' unter dem Nullpuncte des Zonenbogens: die Decl. ist demnach -15° 56'.

341. Zone 389. AR. um 10" vermindert.

347. Zone 363. AR. um 10" vermehrt.

372. Zone 363. Faden 5 für 4 genommen; Corr. = -15",04.

401. Zone 390. Decl. um 10' nördlicher angenommen.

402. Faden 4 für 5 genommen; Corr. = +15",08.

403. Die angegebene Decl. muss nach Lalande und Argelander um 1'30" vermindert werden.

438. Zone 328 bei Decl. im Mittel ausgeschlossen in Folge eines Rechnungsfehlers: nach erfolgter Berichtigung wird das Mittel 47",4 für 47",1.

Nro. 474. Zone 328. Faden 3 für 5 angenommen; Corr. = +30",40.

502. Zone 390. Decl. um 1' nördlicher angenommen.

562. Zone 395. Decl. um 1' nördlicher angenommen.

600. Mittel aus 2 Beobachtungen: bei der ersten Beobachtung Faden 4 für 5 angenommen; Corr. = +15",08.

648. Zone 363. AR. um 4' vermehrt.

711. Wahrscheinlich bei Zone 395 die AR. um 1" zu vermehren, alsdann erhält man im Mittel 29",43.

730. In Zone 330 sollte wahrscheinlich die Decl. dieses Sterns um 20' nördlicher angenommen werden, und man hätte alsdann 58",7 anstatt 55",4.

748. Zone 408. Decl. um 18' südlicher angenommen.

759. Decl. weicht um 10' von Lalande ab.

760. Zone 395. Decl. um 1' nördlicher angenommen.

804. Die Decl. muss bei Lalande um 5' vermehrt werden.

819. Zone 333. AR. um 20" vermindert.

841. Zone 408. Decl. sollte vielleicht um 20" nördlicher angenommen werden.

992. Die Decl. muss bei Lalande um 5' vermehrt werden.

1047 muss mit Nro. 1048 vereinigt und die AR. von Zone 378 um 1' vermindert werden; man erhält hienach: AR. 4",19 und Decl. 51' 0",3.

1086. Aus Versehen in diesem Verzeichnisse aufgenommen, ebenso Nro. 1118.

1138. Wollte man bei Zone 330 die AR. um 1" vermindern, so würde man eine nahe Uebereinstimmung der beiden Beobachtungen und als Mittel 18",20 erhalten.

1140. Zone 408. Decl.-Ablesung 5": nimmt man dafür 50" an, so erhält man als Decl. 25' 9",1 und im Mittel 25' 8",2.

1162. Zone 410. Decl. um 1' südlicher angenommen; im Original als unsicher bezeichnet.

1182. Zone 330. Faden 1 für 2 angenommen; Corr. = +15",23.

1231. Decl. bei Lalande um 9' zu vermindern.

1239. Zone 378. AR. um 1" vermehrt.

1245. Die hier angegebene Position stimmt mit Argelander überein, Bessel weicht um 3" in AR. und um 30" in Decl. ab: grosse eigene Bewegung nicht unwahrscheinlich.

1301 um 4" in AR. und 4' in Decl. von Lalande abweichend.

1307. Zone 338. Decl. sollte vielleicht um 20" nördlicher angenommen werden.

1319. Zone 333. AR. um 2" vermehrt.

1334. Die Decl. weicht von Lalande um 5' ab.

1337. Zone 338. Decl. sollte vielleicht um 20" nördlicher angenommen werden.

1385. Faden-Angabe unsicher im Original. Nach Rümker muss Faden 2 anstatt 1 genommen werden, und man erhält alsdann 11' 50",85 für 12' 6",43.



Nro. 1391. Wenn man bei Zone 338 die Decl. um 20″ nördlicher annehmen wollte, so würde die Decl. des Sterns um 0″,4 grösser werden.

1394. Zone 377. Beobachtung im Original als zweifelhaft bezeichnet; nimmt man AR. um 1″ grösser an, so erhält man im Mittel 55″,24.

1581. Zone 417. Decl. sollte vielleicht um 10″ nördlicher angenommen werden.

1602. Zone 338. AR. um 10″ vermindert; im Original die Beobachtung als unsicher angegeben.

4) Sternverzeichniss von -21° bis -27° Decl.

69. Zone 402. AR. um 1′ vermindert.

103. Zone 402. AR. um 1′ vermindert.

128. Wird die erste AR. um 1″ vermehrt, so erhält man zwei ganz übereinstimmende Beobachtungen, welche im Mittel die AR. 41″,82 geben.

151 und 153 wahrscheinlich identisch, und wird die eine oder andere Zone um eine Fadendistanz zu ändern sein. Wird Nro. 151 geändert, so erhält man 45′ 12″,55, ändert man aber Nro. 153 so wird AR. 44′ 55″,65: bei Argelander kommt ein Stern mit derselben Decl. vor, die AR. ist aber 45′ 1″,93.

163. Zone 402. AR. um 1′ vermindert.

187. Zone 403. Decl. um 1′ südlicher angenommen.

237. Note IV ausgefallen; sie ist IV (401) +0″,16 +2″.0; (402) +0″,10 +0″,8; (403) -0″,27 -3″,7.

244. Note V. (399) +0″,14 -0″,6; (400) -0″.14 +0″,6.

311. Zone 408. Decl. um 20′ südlicher angenommen.

443. Zone 400. Faden 2 und 3 anstatt 3 und 4 angenommen; Corr. = +31″,51.

480—481. Bei Nro. 480 ist bezüglich der Decl. blos angegeben, dass der Stern einige Minuten südlich von der Gränze -23° 54′ sich befand: hiernach wird man ihn als identisch mit Nro. 481 annehmen können und durch die Vereinigung wird die AR. des letzteren um 0″,03 vermindert.

484. Zone 402. Decl. um 30′ südlicher angenommen.

509—510. Hier ist derselbe Fall wie bei Nro. 480—481: der zweite Stern muss mit dem ersten vereinigt werden, und die AR. des ersten wird dadurch um 0″,11 vermehrt.

530. Die Beobachtung gibt nur an, dass der Stern einige Minuten südlich von -25° 54′ sich befand; in den verschiedenen Zonen-Beobachtungen kommt aber an dieser Stelle kein Stern vor: nicht weit davon entfernt ist Lacaille 8457: 20h 19′ 0″,8 -26° 5′ 14″.

661. Zone 400. Decl. um 1′ südlicher angenommen.

714. Zone 399. AR. um 1′ vermehrt.

722. Die Decl. von Lalande um 29′ zu vermindern: bei Argelander kommt ein Stern vor dessen AR. um 10″ vermindert werden müsste, um ihn mit Nro. 722 identisch zu machen.

748. Die Decl. von Lalande um 8′ zu vermindern.

5) Sternverzeichniss von -27° bis -33° Decl.

Nro. 50 würde mit einem Stern von Argelander's Zonen identisch sein, wenn man den 4. anstatt den 3. Faden nimmt.

124. Zone 405. Decl. um 1′ nördlicher angenommen.

154. Bei der Reduction wurde angenommen, dass die beiden Fadendurchgänge auf denselben Stern sich beziehen und die eine oder andere Ablesung des Zonenbogens corrigirt werden müsste: es sind aber zwei verschiedene Sterne von denen der erste richtig beobachtet ist, der zweite aber in AR. einer Correction bedarf, weil 51″,1 aufgeschrieben wurde, während der Beobachter 59″,1 dictirt haben wird: nach dieser Voraussetzung ergibt sich für die Position des ersten Sterns 19h 26′ 31″,67 -29° 1′ 35″,2 und für die Position des zweiten Sterns 19h 26′ 40″,20 -28° 59′ 35″,7; mit Argelander ziemlich nahe übereinstimmend.

171. Zone 405. AR. um 1′ vermindert.

196. Zone 411. AR. um 1′ vermindert.

204. Zone 405. AR. um 1′ vermehrt.

207. Zone 411. Faden 2 für 3 angenommen; Corr. = +16″,26.

232. Die Zone 411 ist mit Zone 413 vereinigt worden, unter der Annahme, dass die beobachtete Decl. von Zone 411 um 1° 10′ zu vermindern sei.

266. Zone 405. Decl um 20′ südlicher angenommen.

387. Zone 411. Decl. um 5′ südlicher angenommen.

6) Nachtrag I.

100. Zone 863. Decl. um 3′ vermehrt.

127. Ein Stern dessen AR. um 3″ grösser und dessen Decl. um 20″ kleiner ist, kommt bei Bessel und Schjellerup vor.

135. Eine Eigenbewegung wahrscheinlich.

328. Vielleicht identisch mit einem Bessel'schen Stern, dessen Position für 1850 = 10h 6′ 26″,87 -4° 12′ 9″,9 sein würde.

451. Bessel's Decl. ist nahe um 3′ grösser.

463. Bessel's Decl. ist um 20′ grösser.

490. Faden 2 für 1 angenommen.

531. Bei Rümker ein Fehler von 10′ in Decl.

539. Bei Lalande ein Fehler von 4′ in Decl.

557. Aus der Vergleichung mit Lalande und Bessel würde sich eine Eigenbewegung von -5″ in Decl. ergeben.

563. Die AR. richtig: Bessel's AR. ist nahe um 10″ kleiner.

564. Kommt in Piazzi und Argelander vor; Lalande hat einen Stern der 13′ nördlicher stehen würde.

577. Die Decl. wahrscheinlich um 3′ zu vermindern: die Positionen von Bessel und Argelander stimmen überein.

702. Bei Lalande ein Fehler von 1′ in Decl.; der Stern kommt bei Argelander vor.

Nro. 744. Kommt bei Argelander vor: ein etwas grösserer Stern, 2′ südlicher, ist von Bessel und Lalande beobachtet worden.

764. Decl. bei Bessel um 2′ 22″ kleiner.

793. AR. bei Lalande um 24″ kleiner.

837. Die Decl. ist bei Lalande um 1′ kleiner, bei Rümker um 10″ grösser; vielleicht verschiedene Sterne.

893. (53 Virginis) im British Catalogue wird die Eigenbewegung zu +0″,009 -0″,29 angegeben: die obige Beobachtung mit Rümker und Argelander verglichen, würde für Decl. -0″,50 geben.

7) Nachtrag II.

Anmerkung. Die in den früher gedruckten Verzeichnissen enthaltenen Rectascensionen und Declinationen sind mit AR. (1) und Decl. (1), die neuen Bestimmungen mit AR. (2) und Decl. (2) bezeichnet.

a) Decl. von -3° 0′ bis +3° 0′.

5671. Decl. (1) um 2′ zu vermindern. (Druckfehler).

5739. Decl. (1) um 1′ zu vermindern. Zone 183 Ablesung des Zonenbogens um 1′ zu vermindern.

6397. Zone 104. AR. um 1″ und Zone 568 um 0″,40 zu vermehren, so dass man im Mittel für AR. (1) 50″,99 und als Differenz -0″,13 erhält.

6428. AR. (2) unrichtig: wahrscheinlich ist ein zufälliger Punct als erster Faden des Systems abgelesen, dann der letzte Faden übersehen worden: die unter dieser Voraussetzung beizufügende Verbesserung beträgt +2″,34 und als Differenz mit AR. (1) erhält man +0″,10.

7668. Decl. (1) um 1′ zu vermindern.

b) Decl. von +3° 0′ bis +9° 0′.

576. Zone 805. Zweite Declinations-Ablesung um 3′ vermehrt.

679. Zone 846. Decl. um 1′ vermehrt.

711. Decl. (1) 44″,1 soll 27″,1 heissen.

803. Decl. (1) 38″,6 soll 21″,6 heissen.

858. Zone 805. Die Decl. wahrscheinlich um 20″ zu vermindern, alsdann erhält man die Differenz +1″,7.

956. Die AR. (1) um 1″ zu vermindern. (Druckfehler).

2201. Zone 875. Decl. um 5′ vermehrt.

2521. Zone 825. Decl. um 1′ vermindert.

2530. Zone 856. Decl. um 1′ vermindert.

2554. Die AR. (2) stimmt mit Lalande überein.

2556. Differenz AR. +1″,11; aus sämmtlichen Beobachtungen lässt sich eine eigene Bewegung von -0″,04 in AR. und +0″,45 in Decl. ableiten.

3197. Bedeutende eigene Bewegung.

3465. Decl. (1) 10′ für 11′ zu setzen.

3707. Zone 882. Decl. um 6′ vermehrt.

3739. Bei Zone 826 wie früher bei Zone 184 die Decl. um 10″ vermehrt; es

scheint aber, dass zwei verschiedene Sterne beobachtet worden sind, wovon der eine (Zone 193 und 243) die Position 50′ 20″,96 . . . 26′ 7″,6, der andere (Zone 194 und 826) die Position 50′ 21″,04 . . . 16′ 8″,5 hat.

Nro. 3914. Decl. (1) 16″,7 für 29″,3 zu setzen.

4009. Differenz -1″,13: ein Fehler in der Rechnung nicht zu finden.

4229. Zone 851. Decl. um 1′ vermindert.

4371. Zone 847. Faden 5 für 4 angenommen. Corr. = -22″,93.

4588. Zone 857. Decl. um 1′ vermindert.

4597. Zone 832. Decl. um 1′ vermindert.

4752. β Aquilae; nach dem Berliner Jahrbuch hat man für 1850 AR. 56″,77 Decl. 2′ 7″,1. Werden die Zonenbeobachtungen mit einer eigenen Bewegung von +0″,007 und -0″,54 auf 1850 reducirt, so erhält man AR. (1) und Decl. (1) 56″,81 . . . 9″,9, dann AR. (2) und Decl. (2) 56″,85 . . . 10″,2.

4899. Zone 862. Decl. um 10′ vermehrt.

5122. Zone 862. Decl. um 1′ vermehrt.

5594. Bei Bestimmung der Differenz ist angenommen worden, dass die AR. (1) um 1″ zu vermindern sei; die ohne diese Correction sich herausstellende Differenz von 1″ könnte aber auch von einer Eigenbewegung herrühren.

c) Decl. von -3° 0′ bis -9° 0′.

534. AR. (1) um 1′ zu vermindern, der Stern kommt bei Bessel vor.

657. Zwischen Decl. (1) und Decl. (2) 1′ Unterschied.

722. Bei Zone 802 Decl. um 1′ nördlicher angenommen.

744. Bei Zone 803 Decl. um 1′ nördlicher angenommen.

765. Decl. (2) unrichtig.

814. In AR. 10″ Unterschied; ohne Zweifel AR. (1) um 10″ zu vermindern. (Beobachtungsfehler.)

922. Zone 802. Decl. um 3′ südlicher angenommen.

1022. Ohne Zweifel die Decl. (1) um 20″ zu vermindern. (Ablesungsfehler).

1108. Zwischen Decl. (1) und Decl. (2) 2′ Unterschied.

1788. Die AR. (1) unrichtig, Berechnung richtig.

2001. Decl. (1) fehlerhaft: um den Fehler zu berichtigen, müsste man die Minuten-Ablesung des Zonenbogens um 1′ vermindern und die Trommel-Ablesung um 100 vermehren.

2924. Eigenbewegung in Decl. -0″,45; darnach hätte man für 1850 Decl. (1) -5° 55′ 0″,0 und Decl. (2) -5° 55′ 1″,7.

3032. Bei AR. (1) eine Fadendistanz hinzuzufügen.

3119. Zone 255. Faden 4 anstatt 3 zu nehmen; Corr. -14″,96.

3128. Die Decl. der Zone 257 ganz unsicher: Zone 572 gibt -5 34′ 7″ 6.

3240. Decl. (1) um 5′ zu vermindern. (Ablesungsfehler).

3422. Decl. (2) um 1′ zu vermehren.

d) Decl. von $+9^\circ$ 0′ bis $+15^\circ$ 0′.

Nro. 495. In Zone 320 ist der beobachtete Durchgang des zweiten Sterns über den 5. Faden 55″,6 ganz weggeblieben und der Schreiber hat beim Durchgang des ersten Sterns über den 4. Faden 21″,3 anstatt 29″,3 verstanden, was aber 39″,3 (Fehler im Zählen) hätte heissen sollen: als Resultat erhält man für den ersten Stern 11^h 44′ 13″,32 und für den zweiten Stern 11^h 44′ 13″,92; die corrigirte Decl. $+9^\circ$ 39′ 31″,2 gehört wahrscheinlich zum zweiten Stern, ist aber um 2′ zu klein.

643. Decl. (2) um 1′ zu vermindern.

691. Decl. 19′ und 38′ zwei verschiedene Sterne, letzterer in AR. um 3″ grösser.

747. Hat in Decl. eine beträchtliche eigene Bewegung (ungefähr -0″,25).

790. Decl. (2) ungefähr um 10″ zu klein.

997. Decl. (2) um 1′ zu vermindern. (Beobachtungsfehler).

1857. Decl. (2) um 1′ zu vermindern.

e) Decl. von -9° 0′ bis -15° 0′.

1116. Eigene Bewegung von -1″,02 in Decl.: wenn diese in Rechnung gebracht wird, so hat man 10″,2 +0″,8.

1223. AR. (1) wahrscheinlich um 1″ zu vermehren.

1247. Eigene Bewegung AR. -0″,055 und Decl. +0″,17 in Rechnung zu bringen.

1294. AR. (2) im Original als unsicher bezeichnet.

1337. Eigene Bewegung von -0″,056 in AR. wahrscheinlich.

1350. Eigene Bewegung in AR. wahrscheinlich.

2600. Decl. (1) und Decl. (2) weichen um 1′ von einander ab.

2659. Zone 255. AR. um 1″ zu vermehren, alsdann erhält man für AR. (1) 12″,80.

Reductions-Elemente

der Zonen, welche bei den fünf Sternverzeichnissen des gegenwärtigen Supplementbandes, so wie bei den Nachträgen benützt worden sind.

A) Faden-Distanzen.

Für die beiden Nachträge sind die Faden-Distanzen im V., VIII., IX., XI., und XII. Supplementbande schon angegeben: für die fünf Sternverzeichnisse gelten folgende Faden-Distanzen, wobei bemerkt wird, dass in der ersten Periode das Fadennetz aus 5 einfachen Fäden, in der zweiten Periode aus 5 Systemen zu je 5 Fäden, in der dritten Periode aus 4 Seitensystemen zu 3 und einem Mittelsystem zu 5 Fäden bestand.

I. Periode von 1841 bis 1849.

Decl.	I.	II.	III.	IV.	V.
	″	″	″	″	″
15° . .	+29.989	+14.821	+0.236	-15.020	-30.026
16 . .	30.135	14.893	0.237	15.093	30.171
17 . .	30.291	14.970	0.238	15.172	30.328
18 . .	30.458	15.052	0.240	15.255	30.495
19 . .	30.636	15.141	0.241	15.344	30.674
20 . .	30.826	15.235	0.243	15.439	30.864
21 . .	31.032	15.336	0.244	15.542	31.070
22	31.242	15.440	0.246	15.647	31.280
23	31.469	15.552	0.248	15.761	31.507
24	31.709	15.671	0.250	15.881	31.748
25	31.962	15.796	0.252	16.008	32.001
26	32.229	15.928	0.254	16.142	32.269
27	32.511	16.067	0.256	16.283	32.551
28	32.808	16.214	0.258	16.432	32.848
29	33.120	16.368	0.261	16.588	33.161
30	33.448	16.531	0.263	16.753	33.489
31	33.794	16.701	0.266	16.925	33.835
32	34.158	16.881	0.269	17.108	34.199
33	34.540	17.070	0.272	17.299	34.582

II. Periode von 1850 bis 1862.

Decl.	I.	II.	III.	IV.	V.
15° . .	+37.668	+18.295	-0.037	-18.254	-37.672
16	37.850	18.383	0.037	18.342	37.855
17	38.046	18.478	0.038	18.437	38.051
18	38.256	18.580	0.038	18.539	38.261
19	38.480	18.689	0.038	18.648	38.485
20	38.718	18.805	0 038	18.763	38.723
21	38.977	18.930	0.039	18.889	38.982
22	39.241	19.059	0.039	19.017	39.245
23	39.525	19.197	0.039	19.154	39.530
24	39.827	19.343	0.039	19.300	39.832
25	40.145	19.498	0.040	19.455	40.149
26	40.481	19.661	0.040	19.617	40.485
27	40.835	19.833	0.040	19.789	40.839
28	41.208	20.014	0.041	19.970	41.213
29	41.600	20.204	0.041	20.160	41.605
30	42.013	20.405	0.042	20.360	42.017
31	42.446	20.615	0.042	20.570	42.451
32	42.903	20.837	0.042	20.791	42.908
33	43.383	21.070	0.043	21.023	43.388

III. Periode nach 1862.

Decl.	I.	II.	III.	IV.	V.
	"	"	"	"	"
15° . .	+49.474	+25.896	0.000	-25.975	-49.577
16	49.714	26.022	"	26.101	49.818
17	49.971	26.156	"	26.236	50.075
18	50.247	26.301	"	26.381	50.351
19	50.541	26.455	"	26.536	50.647
20	50.854	26.619	"	26.700	50.960
21	51.194	26.797	"	26.878	51.300
22	51.541	26.978	"	27.060	51.648
23	51.915	27.174	"	27.256	52.022
24	52.311	27.831	"	27.464	52.419
25	52.728	27.599	"	27.683	52.838
26	53.169	27.831	"	27.915	53.280
27	56 634	28.074	"	28.159	53.745
28	54.124	28.330	"	28.417	54.236
29	54.639	28.599	"	28.687	54.752
30	55.181	28.883	"	28.971	55.295
31	55.751	29.181	"	29.271	55.866
32	56.351	29.496	"	29.586	56.468
33	56.981	29.826	"	29.916	57.099

Von 1841 bis 1849 befand sich vor und nach dem Mittelfaden III ein Hülfsfaden; die Distanzen waren wie folgt:

Decl.	1. Hülfsfaden	2. Hülfsfaden.
	"	"
15°	+3.927	-3.780
20	4.036	3.885
25	4.185	4.028
30	4.380	4.216

Diese Hülfsfäden wurden nur bei Beobachtung des Polarsterns benützt und werden hier bloss desswegen angeführt, weil es bei Zonenbeobachtungen öfters vorgekommen ist, dass der eine oder andere davon aus Versehen für den Mittelfaden gehalten und der Durchgang über denselben als Durchgang über den Mittelfaden eingetragen worden ist.

B) Verzeichniss der Zonen in welchen die im gegenwärtigen Supplementbande enthaltenen Sterne vorkommen, nebst Reduction auf den Anfang des Jahres für den Anfang jeder Zone.

Nummer der Zonen	Jahr und Tag	Abstand von 1850	Reduction auf den Anfang des Jahres für Anfang der Zone. Anfang	AR.	Declination
	a) Sterne von +15° bis +21° Decl.		h ′	″	° ′ ″
200	1842. Aug. 22	-7.36	18 40	-29.74	+14 7 46.2
201	Sept. 2	-7.33	19 20	-32.39	14 7 36.1
202	3	-7.32	19 41	-32.60	14 7 48.6
203	5	-7.32	19 23	-33.39	14 38 9.6
204	7	-7.32	19 19	-34.09	15 7 41.1
205	16	-7.29	19 23	-38.99	15 37 0.3
206	17	-7.28	20 1	-39.70	15 38 5.2
207	19	-7.28	20 37	-40.85	16 7 55.3
208	Oct. 8	-7.23	20 0	- 7.43	16 7 45.0
209	10	-7.22	20 17	- 8.09	16 22 44.0
210	11	-7.22	20 36	- 8.31	16 37 37.3
211	15	-7.21	20 28	- 9.76	17 7 13.4
212	17	-7.20	20 19	- 9.84	18 7 0.8
213	18	-7.20	20 19	-10.04	18 22 30.0
214	21	-7.20	20 20	-10.31	18 37 35.9
215	22	-7.19	20 47	-10.79	20 23 8.4
216	Nov. 11	-7.14	20 54	- 4.38	20 22 57.3
217	Dec. 1	-7.08	21 52	+ 4.14	20 41 36.4
218	2	-7.08	22 0	+ 4.46	20 52 46.6
296	1844. Aug. 17	-5.37	18 9	-50.50	17 6 55.3
297	30	-5.34	15 53	-27.51	19 6 56.6
300	Sept. 6	-5.32	19 14	-15.90	15 6 48.9
305	12	-5.22	20 4	- 2.19	19 6 43.8

Nummer der Zonen	Jahr und Tag	Abstand von 1850	Reduction auf den Anfang des Jahres für Anfang der Zone. Anfang		AR.	Declination		
	b) Sterne von +21° bis +27° Decl.		h	′	″	°	′	″
215	1842. Oct. 22	-7.19	20	47	-10.79	+20	23	8.4
216	Nov. 11	-7.14	20	54	- 4.38	20	22	57.3
217	Dec. 1	-7.08	21	52	+ 4.14	20	41	36.4
218	2	-7.08	22	0	+ 4.46	20	52	46.6
219	13	-7.05	23	5	+ 9.67	21	7	52.7
220	14	-7.05	22	50	+10.52	21	7	33.7
221	15	-7.04	22	50	+11.23	21	37	19.4
222	16	-7.04	22	50	+12.09	22	6	44.8
223	17	-7.04	23	10	+12.75	22	7	31.4
297	1844. Aug. 30	-5.34	18	53	-27.51	19	6	56.6
298	31	-5.34	18	45	-25.65	21	6	58.7
305	Oct. 12	-5.22	20	4	- 2.19	19	6	43.8
	c) Sterne von -15° bis -21° Decl.							
282	1844. April 30	-5.67	10	47	-12.58	-17	53	49.0
317	1845. April 14	-4.72	9	24	-26.83	15	53	36.3
318	19	-4.70	9	48	-26.93	15	53	40.1
324	Juni 17	-4.54	14	52	-39.22	15	53	58.3
325	Juli 3	-4.54	15	58	-46.86	15	54	8.2
328	30	-4.42	17	31	-58.67	15	54	25.6
330	Sept. 2	-4.33	18	36	-48.46	15	54	30.2
332	6	-4.32	18	37	-44.96	15	54	31.1
333	10	-4.30	18	53	-41.51	15	54	34.7
338	Oct. 25	-4.18	20	29	- 4.00	15	54	46.6
345	Nov. 29	-4.09	22	2	-11.65	15	54	41.0
347	1846. Febr. 26	-3.84	4	56	+40.87	15	53	57.8
354	März 30	-3.76	7	53	+60.69	15	53	45.8
357	Juni 2	-3.58	13	44	-28.00	15	53	53.5
363	Juli 9	-3.48	16	25	+211.29	15	53	57.5

Nummer der Zonen	Jahr und Tag	Abstand von 1850	Reduction auf den Anfang des Jahres für Anfang der Zone. Anfang		AR.	Declination		
			h	′	″	°	′	″
364	1846. Juli 13	-3.47	15	54	+32.21	-15	54	1.0
377	Sept. 4	-3.32	18	21	+ 0.96	15	54	52.7
378	5	-3.32	18	29	+ 0.96	15	54	55.3
388	1847. Juni 14	-2.55	14	31	+22.09	15	53	30.1
389	22	-2.52	14	53	+27.27	15	53	33.5
390	Juli 9	-2.48	16	38	+36.93	15	53	43.9
391	13	-2.47	16	45	+38.40	15	52	37.6
393	16	-2.46	17	9	+38.81	17	52	8.9
394	17	-2.46	17	17	+39.24	19	53	0.1
395	22	-2.44	17	20	+40.11	17	53	50.9
396	24	-2.44	16	47	+40.44	19	53	10.0
397	30	-2.42	18	4	+40.71	19	54	5.2
398	31	-2.42	18	4	+40.78	21	54	57.4
407	Aug. 30	-2.34	18	32	-18.94	21	53	23.1
408	Sept. 10	-2.30	18	44	-17.55	21	53	31.3
409	11	-2.30	19	28	-17.40	19	53	7.1
410	13	-2.30	19	1	-16.32	17	53	3.4
416	Nov. 3	-2.16	21	17	+ 9.31	21	53	36.9
417	Dec. 4	-2.08	22	48	+22.63	17	53	17.3
748	1863. Juli 6	+13.52	16	49	+15.53	15	52	40.7
764	Aug. 4	+13.59	17	48	+31.26	15	52	56.2
	d) Sterne von -21° bis -27° Decl.							
398	1847. Juli 31	-2.42	18	4	-40.78	-21	54	57.4
399	Aug. 11	-2.39	18	6	+43.23	23	54	17.7
400	12	-2.38	17	59	+43.44	23	54	16.8
401	13	-2.38	18	6	+43.69	25	53	52.7
402	15	-2.38	18	2	+43.99	25	53	55.9
403	16	-2.38	17	42	+44.24	25	53	57.1
404	17	-2.37	18	3	+44.25	27	54	22.6
407	30	-2.34	18	32	-18.94	21	53	23.1

Nummer der Zonen	Jahr und Tag	Abstand von 1850	Reduction auf den Anfang des Jahres für Anfang der Zone		
			Anfang	AR.	Declination
			h ′	″	° ′ ″
408	1847. Sept. 10	-2.30	18 44	-17.55	-21 53 31.3
415	Oct. 16	-2.21	20 14	- 1.57	23 53 53.1
416	Nov. 3	-2.16	21 17	+ 9.71	21 53 36.9
	e) Sterne von -27° -33° Decl.				
404	1847. Aug. 17	-2.37	18 3	+44.25	-27 54 22.6
405	18	-2.37	17 54	-15.82	29 54 47.0
406	19	-2.37	18 20	-16.07	31 55 38.5
411	Sept. 23	-2.27	18 59	-13.53	29 55 12.7
412	Oct. 6	-2.24	20 18	- 7.38	29 55 11.1
413	11	-2.22	19 54	- 4.51	29 55 20.4
	Nachtrag I und II.				
802	1865. April 12	+15.28	9 11	+ 9.66	- 7 21 22.5
803	21	15.30	9 42	- 5.19	- 9 23 41.6
804	22	15.31	9 42	- 0.37	-11 20 32.2
805	Mai 2	15.33	10 38	-11.84	+ 6 38 6.3
806	4	15.34	10 44	- 1.84	+ 8 38 58.7
807	13	15.36	11 31	-20.19	+ 8 36 31.7
808	17	15.36	11 53	- 2.06	+ 6 37 42.6
809	20	15.38	12 2	+11.11	-11 21 57.8
816	1868. Mai 4	18.34	11 29	- 4.03	+ 7 8 37.1
817	12	18.36	11 36	+10.96	+ 7 7 24.4
818	14	18.37	11 43	+14.68	+ 9 7 24.9
819	15	18.37	11 49	+16.54	+10 7 59.5
820	16	18.37	12 0	+17.70	-12 52 51.2
821	19	18.37	12 14	+23.55	-10 52 40.1
822	20	18.38	12 43	+25.37	- 8 50 51.6
823	Juni 15	18.46	14 21	+ 3.17	- 6 52 13.0
824	27	18.49	15 20	+20.42	- 8 53 44.0
825	Juli 25	18.56	16 53	- 0.43	+ 8 8 5.1
826	Sept. 2	18.67	18 28	-12.48	+ 7 8 28.6

Nummer der Zonen	Jahr und Tag	Abstand von 1850	Reduction auf den Anfang des Jah für Anfang der Zone					
			Anfang		AR.	Declinati		
			h	′	″	°	′	″
827	1868. Sept. 3	+18.68	18	31	−10.89	+ 5	7	9
828	4	18.68	18	32	− 9.75	−12	53	20
829	7	18.68	18	33	− 5.33	−10	53	14
830	9	18.69	18	43	− 2.82	− 8	52	58
831	10	18.70	18	35	− 1.20	− 6	53	15
832	17	18.72	18	56	+ 7.90	+ 6	8	0.
833	Nov. 2	18.84	20	23	+17.51	+ 8	7	32.
834	1869. April 10	19.27	9	1	−37.32	− 5	58	6.
835	14	19.28	9	17	−23.71	− 5	58	13.8
835	14	19.28	9	52	−23.81	− 5	58	21.
836	23	19.31	9	56	+ 4.64	− 6	0	39.
837	27	19.32	10	12	+18.13	− 6	0	43.3
838	28	19.32	10	14	+21.45	− 6	0	43.5
839	29	19.33	10	19	−35.30	− 6	0	42.9
840	30	19.33	10	21	−32.08	− 6	0	40.9
841	Juli 22	19.56	16	25	+23.12	+ 3	6	20.6
842	23	19.56	16	23	+25.81	+ 5	6	0.9
843	30	19.58	16	43	−16.14	+ 7	5	57.2
844	Aug. 4	19.59	17	0	− 4.59	+ 9	6	31.8
845	13	19.62	17	26	+16.81	− 7	15	4.6
846	Sept. 17	19.72	18	24	−10.17	− 5	53	19.5
847	18	19.72	18	33	− 7.34	+ 3	5	59.8
848	25	19.74	19	1	+10.73	+ 5	4	1.6
849	27	19.74	18	52	+16.35	+ 7	9	22.9
850	28	19.74	18	57	+18.96	+ 9	10	31.6
851	30	19.75	18	53	+24.22	+ 8	8	14.3
852	1870. Mai 27	20.40	12	52	− 7.98	+ 6	4	25.5
853	Juni 23	20.48	14	40	−19.48	+ 6	14	14.8
854	Juli 5	20.51	15	33	−26.22	+ 8	17	28.0
855	15	20.54	16	2	−33.94	+ 6	15	41.9
856	25	20.56	16	44	− 1.97	+ 6	15	38.5

Nummer der Zonen	Jahr und Tag	Abstand von 1850	Reduction auf den Anfang des Jahres für Anfang der Zone		
			Anfang	AR.	Declination
			h ′	″	° ′ ″
857	1870 Sept. 28	+20.74	19 32	-40.70	+ 6 15 30.6
858	30	20.75	19 30	-41.28	+ 8 9 39.8
859	Oct. 1	20.75	19 36	-41.33	+ 8 9 37.6
860	3	20.76	19 34	-41.91	+ 4 12 8.3
861	4	20.76	19 34	-41.93	+ 4 12 4.3
862	5	20.76	19 33	-42.34	+ 2 15 36.4
863	1871. Mai 11	21.36	11 34	+26.28	+ 8 14 22.2
864	12	21.36	11 26	+25.85	+ 6 13 0.4
865	24	21.40	12 27	+17.31	+ 4 12 29.2
866	25	21.40	12 35	+16.35	-16 43 11.6
867	26	21.40	12 33	+15.58	-15 18 3.5
868	Juni 15	21.46	14 12	- 4.52	-13 49 30.6
869	Aug. 21	21.64	17 58	-20.13	-11 43 16.0
869	21	21.64	18 18	-20.25	-11 43 0.4
870	Sept. 14	21.70	18 10	+13.25	-11 45 44.1
871	15	21.71	18 13	+12.12	- 9 42 10.1
872	16	21.71	18 26	+10.78	- 7 41 46.3
873	1872. Juli 11	22.53	15 58	- 5.99	+ 8 58 34.0
874	22	22.56	16 32	-11.93	+ 7 16 9.3
875	23	22.56	16 32	-12.72	+ 5 14 4.5
876	24	22.56	16 32	-13.33	+ 3 15 43.5
877	25	22.56	16 43	-14.01	+ 1 15 28.0
878	26	22.57	16 38	-14.66	- 0 48 14.8
879	Aug. 16	22.62	17 45	+21.67	+ 1 47 7.2
880	30	22.66	18 16	+ 2.35	+ 1 46 42.8
881	Sept. 2	22.67	18 27	-7.81	+ 3 31 53.2
882	3	22.68	18 26	-9.36	+ 5 22 39.1
883	5	22.68	18 29	-12.40	+ 7 16 22.8

Druckfehler und Berichtigungen.

Folgende tabellarische Zusammmenstellung bezieht sich nur auf die Minuten und Secunden der Retascension und Declination und zwar findet man darin die berichtigten d. h. die in den Verzeichnissen an der bezeichneten Stelle einzusetzenden Zahlen angegeben: die wenigen bei den Stunden, Graden und Präcessionen vorzunehmenden Aenderungen sind am Ende beigefügt.

Nummer	AR. 1850		Declination 1850	
+15° bis +21°.				
	′	″	′	″
4	—	51.47	—	—
71	—	—	8	12.5
81	—	34.23	—	—
84	—	—	—	18.7
94	—	—	28	—
109	—	50.46	—	—
115	—	27.37	—	—
119	—	46.98	—	—
143	—	—	—	13.0
163	—	51.17	—	—
232	23	—	23	56.3
266	—	—	46	—
282	—	30.03	—	—
306	—	—	—	26.2
391	—	41.38	—	—
395	—	—	—	33.9
400	—	46.01	—	—
424	—	—	—	27.3
425	—	—	—	37.5
427	—	—	—	11.9
429	—	—	—	35.5
431	—	—	—	16.3
437	—	—	—	29.5
440	—	—	—	24.6
450	—	—	—	37.7
455	—	18.27	—	—
457	—	—	—	28.4
461	—	—	—	29.3
469	—	—	—	23.8
470	—	—	—	54.4
489	—	—	—	26.6
502	—	—	—	38.0
513	—	51.92	—	—
544	—	—	—	43.8
524	—	—	—	18.6
529	—	—	—	24.6
536	—	—	—	52.2
537	—	—	—	54.9
669	—	44.49	—	—
778	—	—	10	—
1059	—	—	12	38.5
1067	—	—	35	—
1123	—	29.55	—	—
1264	—	—	16	—
1272	—	56.52	—	—
1315	—	42.74	—	—
1320	—	—	—	42.7
1343	—	37.92	—	—
1345	—	—	5	—
1375	—	27.24	—	—
1388	—	—	47	—
1440	—	54.85	—	—
1516	—	—	18	—
1606	—	—	40	—
+21° bis +24°.				
24	—	—	—	23.5
64	—	—	5	—
78	—	—	—	9.2
94	—	—	48	—
106	—	—	36	—
160	—	58.98	—	—
274	—	20.66	—	—
281	—	11.48	—	—
324	—	19.20	—	—

Nummer	AR. 1850 '	AR. 1850 "	Declination 1850 '	Declination 1850 "
352	—	3.82	—	—
360	—	—	—	24.4
365	—	—	23	—
377	—	—	—	15.1
399	—	14.92	—	—
408	—	40.63	—	—
502	10	—	—	—
529	—	28.94	—	—
554	25	58.15	—	—
-15° bis -21°.				
61	—	—	20	—
99	34	—	—	—
132	—	50.10	—	—
141	—	—	50	—
161	—	42.61	—	—
197	—	—	41	1.0
239	—	—	9	46.5
269	—	—	24	—
271	—	—	2	—
330	—	—	56	—
438	—	—	—	47.4
456	—	—	55	16.2
505	—	54.87	—	—
542	—	—	35	—
589	—	—	37	—
671	—	—	5	—
700	—	—	53	—
711	—	29.43	—	—
765	—	22.92	—	—

Nummer	AR. 1850 '	AR. 1850 "	Declination 1850 '	Declination 1850 "
864	—	57.90	—	—
911	—	56.59	—	—
943	—	—	41	—
952	—	—	33	—
984	—	—	28	—
1119	—	—	52	4.1
1140	—	—	—	8.2
1184	—	—	27	—
1226	—	—	32	—
1318	—	—	44	—
1379	—	—	36	—
1385	11	50.85	—	—
1498	—	—	38	—
1613	—	18.77	—	—
-21° bis -27°.				
167	—	8.63	—	—
169	—	—	19	—
186	—	16.53	—	—
187	—	—	34	—
203	57	—	—	—
233	—	—	—	29.4
353	—	—	24	—
462	—	34.14	—	—
620	—	38.93	—	—
628	—	—	31	—
754	—	—	—	26.0
824	—	—	34	—
843	—	—	—	35.4

Nummer	AR. 1850 '	AR. 1850 "	Declination 1850 '	Declination 1850 "
-27° bis -33°.				
47	22	—	—	—
104	—	—	46	—
154	—	31.67	61	35.2
154	—	40.20	59	35.7
213	—	6.38	—	—
297	—	45.52	—	—
361	—	—	12	—
483	—	—	—	30.6
517	—	—	—	17.5
551	—	—	59	—
Nachtrag I.				
31	—	45.77	—	—
90	—	47.10	—	—
127	—	—	—	34.4
141	—	7.58	—	—
153	—	—	34	—
370	—	—	53	—
566	—	45.27	—	—
748	—	49.91	—	—
762	—	—	33	—
764	—	—	47	—
770	—	43.97	—	—
814	—	33.93	—	—
864	—	—	—	43.0
Nachtrag II. -3° bis +3°.				
5350	—	—	—	+0.8
5387	—	—	—	+2.7

Nummer	AR. 1850		Declination 1850	
	"	"	'	"
5888	—	+04	—	—
6428	27.25	—	—	—
	+3° bis +9°.			
1134	—	--	—	-3.4
1878	—	-04	—	—
2032	4.80	+17	—	—
2307	—	—	57.2	—
2331	—	—	22.3	—
2366	—	—	—	+2.7
2397	30.50	00	—	—
2566	—	+1.11	—	—
2627	—	+27	—	—
3499	—	—	—	+3.0
3739	—	-22	—	—
3914	—	—	—	+2.3
4009	—	-1.13	—	—
4371	—	—	—	—
4609	—	—	—	—
4752	—	—	10.2	+0.3
5031	—	—	55.5	—
5059	—	-02	—	—
	-3° bis -9°.			
718	—	—	11.9	—

Nummer	AR. 1850		Declination 1850	
	"	"	"	"
916	—	—	33.7	—
934	9.53	—	—	—
941	35.23	—	—	-5.7
958	—	+06	—	—
1012	—	—	—	-2.5
1036	—	+11	—	—
1052	—	—	—	+1.3
1092	—	—	—	-1.4
1167	—	—	—	+1.1
1743	—	—	—	+0.9
1758	—	—	—	+0.2
1990	—	—	—	+2.3
2091	—	-08	—	—
2161	—	+59	—	—
2462	—	—	—	+0.6
2694	—	-17	—	—
2772	—	—	—	+4.5
2775	—	—	—	+0.1
2809	—	—	—	+0.2
2887	—	—	—	-2.2
2939	—	-04	—	—
2963	—	-10	—	—
2989	—	+15	—	—
2995	—	+03	—	—
3030	—	—	—	+1.2

Nummer	AR. 1850		Declination 1850	
	"	"	"	"
3128	—	—	—	-0.6
	+9° bis +15°.			
493	—	—	—	-10.9
495	—	—	—	-2.2
500	58.65	—	—	—
671	—	—	—	+0.1
795	—	+01	—	—
842	—	-02	—	—
868	—	+15	—	—
921	—	—	—	+1.3
1003	—	—	—	+2.1
1212	—	—	—	+3.3
1216	—	+03	—	—
1252	—	—	—	+1.7
1268	—	—	—	+1.1
1287	—	—	—	+1.4
1288	—	—	—	+0.1
1308	—	—	—	+0.4
2522	—	—	—	+1.9
2647	—	—	44.3	-11.4
2734	—	—	—	+1.3
	-9° bis -15°.			
596	—	—	24.6	—

Druckfehler in den Stunden der Rectascension, in den Graden der Declination und in den Präcessionen.

Seite 80	Nro. 274	Präc. 2″,601; Decl. 22°.
98	Nro. 141	Decl. 14°.
127	Nro. 911	Präc. 6″,772.
156	Nro. 107	Decl. 26°.
	Nro. 108	Decl. 24°.
160	Nro. 186	Präc. 3″,678; Decl. 25°.
161	Nro. 213	Decl. -21°. 55′.
177	Nro. 620	Präc. 3″,556; Decl. 25°.
189	Nro. 31	Decl. -27°. 54′. (unsicher).
231	Nro. 566	Präc. 3″,058.
240	Nro. 814	Präc. 3″,176.

Berichtigungen

zu den im V. VIII. IX. XI. XII. Supplementbande enthaltenen Sternverzeichnissen.

Bei Vergleichung der vor und nach dem Jahre 1865 beobachteten Sternpositionen (siehe oben Seite 245 bis 293) hat sich eine ziemlich grosse Anzahl von Druck- oder Rechnungsfehlern vorgefunden: als wichtig erscheint zunächst die Berichtigung der in den Secunden vorkommenden Fehler, und dazu dient folgende Zusammenstellung, wo neben der Nummer des Verzeichnisses die berichtigte Zahl angegeben ist.

Retascensionen.

-3° bis +3°.			″		″		″		″
	″	2099	41.23	4216	54.14	831	30.57	3248	17.53
6975	16.76	2121	34.85	4376	8.77	896	13.80	3972	15.70
7584	11.40	2124	53.69	4674	27.88	954	56.80	4424	54.21
		2196	50.13	4868	38.25	978	55.26	4561	48.41
+3° bis +9°.		2203	23.60	4995	31.12	1070	6.19	4633	27.98
125	40.74	2214	50.00	5228	41.85	1621	55.45		
530	46.88	2215	2.15	5371	38.90	1823	31.33	+9° bis +15°.	
901	32.59	2263	10.24	5636	29.49	1941	27.40	133	22.22
956	58.62	2382	9.12	6103	33.24	2027	37.71	142	8.69
970	12.86	2627	56.81			2156	51.59	148	12.09
1042	43.86	3523	39.76	-3° bis -9°.		2939	51.05	372	10.58
1372	42.06	3689	29.56	666	41.54	3032	25.23	535	49.00
1791	18.57	4078	15.48	814	49.66	3119	40.16	560	27.55

	"	-9° bis -15°.			"		"		"
654	26.47		"	1287	4.81	2659	12.80	3714	37.80
782	25.37	203	7.50	1349	59.64	2745	27.29	3886	56.33
842	42.91	265	34.14	1694	8,33	2767	37.60	3974	38.43
1031	57.88	358	10.58	1635	1.61	2884	57.05	3976	13.90
1611	8.87	1038	51.04	1900	8.61	3122	46.25		
1924	39.60	1224	21.21	2112	41.54	3179	44.70		
2404	15.24	1266	51.45	2517	10.11	3561	14.45		

Declinationen.

-3° bis +3°.			"		"	+9°bis+15°.		-9° bis -15°.	
	"	2382	3.9	5700	22.9		"		"
5493	41.7	3689	48.7	5708	4.6	489	51.1	106	48.6
		3826	10.1	6010	7.3	495	31.2	594	32.9
+3° bis +9°.		3914	16.7			500	23.4	1126	10.2
711	27.1	4078	38.2	-3° bis -9°.		501	37.6	1270	25.9
760	5.9	4118	45.3	200	18.0	503	28.5	1349	56.1
767	47.1	4674	31.3	333	31.1	506	9.7	1392	31.0
771	2.1	4685	39.1	838	38.7	509	25.5	1439	49.5
777	39.3	4868	56.8	892	31.7	512	53.0	1935	35.1
803	21.6	4995	17.6	1218	43.3	524	50.8	2038	27.3
849	43.9	5310	9.9	1754	40.8	527	2.8	2258	36.7
901	18.3	5311	22.2	1761	13.4	528	53.8	2348	33.7
914	4.6	5312	44.3	1834	22.0	535	38.1	2796	9.9
1110	22.4	5315	38.3	1911	49.8	563	15.4	3479	41.5
1185	40.3	5229	11.4	3128	7.6	1295	31.4	3622	15.0
1523	45.1	5636	33.6	4469	44.8			3734	16.6
2263	8.3	5671	52.2					3775	30.3

An den Minuten sind folgende Aenderungen vorzunehmen:

in Rectascension.

-3° bis + 3° . . . -1′ Nro. 4137.

+3° bis + 9° . . . +1′ Nro. 1612, 3643, 4767; . . . -1′ Nro. 603, 634, 849, 1037, 2297, 2469; . . . +9′ Nro. 3897; . . . +10′ Nro. 5407.

-3° bis - 9° . . . +1′ Nro. 1040, 2412, 3295; . . . -1′ Nro. 90, 534, 1621.

+9° bis +15° . . . +1′ Nro. 1006; . . . -1′ Nro. 331, 947, 1031.

-9° bis -15° . . . +1′ Nro. 1349, 1541.

in Declination.

-3° bis + 3° . . . +2′ Nro. 4455, 5671; . . . -1′ Nro. 5739, 7668.

+3° bis + 9° . . . +1′ Nro. 791, 1818; . . . -1′ Nro. 767, 849, 1109, 1603, 2300, 2728, 3465, 5108; . . . +2′ Nro. 1568; . . . -2′ Nro. 4266; . .

+10′ Nro. 652, 5155; . . . -10′ Nro. 269, 2818; . . . -27 Nro. 5175; . . . -30′ Nro. 136.

-3° bis - 9° . . . +1′ Nro. 882, 1001, 1007, 1003, 1736, 2120, 2462, 2953, 2963, 3015, 3030, 4424; . . . -1′ Nro. 200, 709, 808, 828, 1008, 1820, 2697, 2751, 2780, 2794, 2796, 2831, 2924, 2932, 2939, 3035, 3128, 3172, 3181, 3246, 3281, 3362, 4533; . . . +3′ Nro. 1009; . . . +5′ Nro. 3240; . . . -10′ Nro. 1057, 1154; . . . -18′ Nro. 996; . . . +20′ Nro. 1913; . . . -20′ Nro. 2020, 3308; . . . -46′ Nro. 983.

+9° bis +15° . . . -1′ Nro. 81, 489, 512, 513, 528, 774; . . . +4′ Nro. 2705; . . . -8′ Nro. 778.

-9° bis -15° . . . +1′ Nro. 123, 617, 623, 709, 954, 999, 1384, 1385, 1757, 1804, 1811, 2640, 2967, 3375, 3413, 3415, 3712, 3964; . . . -1′ Nro. 262, 2248, 2258, 2992, 3075, 3159, 3246, 3622, 3625, 3960, 4032; . . . -2′ Nro. 1815, 3173; . . . +5′ Nro. 1261; . . . +10′ Nro. 512, 2306; . . . -10′ Nro. 1687; . . . -17′ Nro. 3766, . . . -49′ Nro. 2812.

Inhalt.

Verzeichniss
der an der königlichen Sternwarte bei München herausgegeben Schriften.

Astronomische Beobachtungen, angestellt an der k. Sternwarte zu Bogenhau bei München, von *Soldner*. I. II. III. IV. V. Theil, enthaltend die Beobac ungen von 1820 — 1827.

Observationes Astronomicae in Specula Regia Monachiensi institutae et Re Jussu publicis impensis editae a *J. Lamont*. Vol. VI — XV. (seu novae ser Vol. I — X.), enthaltend die Beobachtungen von 1828 — 1844.

Annalen der k. Sternwarte bei München, v. *J. Lamont*, I.—XVIII. Bd. 1848—18 nebst 11 Supplement-Bänden, enthaltend: I. Hohenpeissenberger Beobac ungen 1792 — 1850; II. Meteorologische Beobachtungen an der Münche Sternwarte 1825 — 1837; III. Resultate der meteorologischen Beobachtun der Münchener Sternwarte 1825 — 1856; IV. Beobachtung der totalen Sonn Finsterniss 1860 in Castellon de la plana, magnetische Beobachtungen Frankreich und Spanien u. s. w. V Verzeichniss von 9412 Aequatorial-Stern zwischen + 3° und - 3° Declination; VI. Resultate der meteorologisch Beobachtungen der Münchener Sternwarte 1857 — 1866; VII. Beobachtung des meteorologischen Observatoriums auf dem Hohenpeissenberg 1851—18 VIII. Verzeichniss von 6323 telescopischen Sternen zwischen + 3° und + Declination; IX. Verzeichniss von 4793 telescopischen Sternen zwischen - und - 9° Declination; X. astronomisch geodätische Bestimmungen für d Bayerische Dreiecksnetz; XI. Verzeichniss von 3571 telescopischen Stern zwischen + 9° und + 15° Declination.

Ueber die Nebelflecken, eine öffentliche Vorlesung. München 1837.

Ueber das magnetische Observatorium der k. Sternwarte bei München, öffe liche Vorlesung. München 1842.

Annalen für Meteorologie und Erdmagnetismus, Jahrg. 1842, 1843, 1844. 12 Hef

Ueber die Bahn des dritten Saturn-Satelliten. (Denkschriften der k. b. Aca d. Wiss. Bd. XIII.)

Darstellung der Temperatur-Verhältnisse an der Oberfläche der Erde. (Den schriften der k. b. Acad. d. Wiss. Bd. XVI.)

Bestimmung der Horizontal-Intensität des Erdmagnetismus nach absolute Maasse. (Denkschr. Bd. XVI. III. Abth.)

Resultate der magnetischen Beobachtungen in München während der dreijährig Periode 1840, 1841, 1842 (Denkschriften Bd. XIX.)

Resultate des magnetischen Observatoriums in München während der dreijährig Periode 1843, 1844, 1845. (Denkschriften Bd. XXV.)

Beschreibung der an der Münchener Sternwarte zu den Beobachtungen verwe deten neuen Instrumente und Apparate. (Denkschriften Bd. XXV.)

Astronomischer Kalender für das Königreich Bayern mit Beiträgen von Pr *Kuhn*, Prof. *Meister*, Prof. *Pollak*. Jahrgang 1850, 1851, 1852, 1853.

Magnetische Ortsbestimmungen an verschiedenen Punkten des Königreich Bayern. I. u. II. Theil. München 1854 und 1856.

Magnetische Karten von Deutschland und Bayern. München 1854.

Resultate aus den an der k. Sternwarte veranstalteten meteorologischen Unt suchungen, nebst Andeutungen über den Einfluss des Clima von München auf Gesundheitsverhältnisse der Bewohner. (Denkschriften II. Cl. VIII. Bd. I. Abt

Untersuchungen über die Richtung und Stärke des Erdmagnetismus im südwe lichen Europa. München 1858.

Untersuchungen über die Richtung und Stärke des Erdmagnetismus in No Deutschland, Belgien, Holland und Dänemark. München 1859.

Jahresberichte der Münchener Sternwarte 1852, 1854, 1858.

Ueber die tägliche Oscillation des Barometers, Sitzungsberichte der k Ac d. Wiss. 1862. Heft I.

Beitrag zu einer mathemat. Theorie des Magnetismus, Sitzungsberichte 1862. II.

Ueber die 10jährige magnetische Periode und über das Verhältniss der magn Intensitäts- und Inclinations-Aenderungen. Sitzungsberichte 1862. II. Heft







